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An Annotated List of Modern Turtle Terminal Taxa with Comments on Areas of Taxonomic Instability and Recent Change

TURTLE TAXONOMY WORKING GROUP*

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ABSTRACT. – We compiled a list of the named terminal taxa for the world's modern turtle fauna that would summarize recent changes in turtle nomenclature. We provide an annotated list of 465 currently recognized modern terminal taxa (319 species plus 146 additional subspecies) in a hierarchical framework. In order to be as objective as possible we strive to uncritically record the most recent assignment of terminal taxa. For higher-level changes, we show competing schemes equally without endorsing any arrangement. In both cases (terminals and higher taxa) we direct readers to the systematic works that discuss taxonomic revisions. We anticipate that this annotated list will be a useful resource for everyone interested in turtles and their nomenclature. In addition to clarifying some issues or points of confusion, this list should also provide an impetus for future work aimed at clarifying and resolving areas of taxonomic disagreement and/or uncertainty.

KEY WORDS. – Reptilia; Testudines; turtle; tortoise; taxonomy; nomenclature; genera; species; subspecies; synonymization

Turtles, perhaps more than any other reptile group, have been the subject of numerous comprehensive lists (e.g., Wermuth and Mertens, 1977; Iverson, 1992; David, 1994; Iverson et al., 2001a; Joyce et al., 2004; Fritz and Havas, 2006, 2007; also see Pritchard, 1990, and Adler, 2007, for historical reviews). But despite their relatively modest extant diversity, turtle nomenclature is in a constant state of flux and, in places, wrought with differing opinions and directly conflicting arrangements. Consequently, it is impossible to compile a comprehensive list that is not already partially obsolete (or disagreed upon) by the time it is published. We took on the challenge of compiling a list of the named terminal taxa for the world's modern turtle fauna that would summarize some of this recent dynamism in turtle nomenclature. We decided to use Iverson's 1992 checklist of recognized turtle taxa as a starting point, since it was published in hardcopy form and widely disseminated and accepted (e.g., as opposed to starting from the Iverson et al. 2001a web-based checklist), and we agreed on a general format, using a hierarchical, *mostly* rank-free list.

As the title of this work implies, this list attempts to serve two functions. First, it is a list of all currently recognized named terminal taxa for modern turtles. This aspect is meant to be comprehensive as of November 2007 for extant or recently extinct turtle taxa (using the IUCN and CREO criteria of 1500 AD as the cutoff date for recent extinctions, see annotation number 1 below). This comes to a total of 465 modern turtle taxa, comprised of 319 species and 146 additional subspecies (see Table 1). By 'currently recognized' we simply mean those terminals that have not been explicitly refuted or synonymized. In order to be

as objective as possible we accepted the most recent changes relatively uncritically and direct readers to the systematic works that discuss these terminals. However, our one criterion for accepting a proposed change was that it be accompanied by data or at least arguments explaining the taxonomic revision. Consequently, some species lists published with major ad hoc revisions (e.g., from the herpetoculturist and web-based literature) were not incorporated.

The second aspect of this list highlights areas of instability or recent change, especially at the genus level, but also some higher-level categories. In contrast to the terminal list, we do not always accept the most recently proposed changes. Instead, we try to highlight these areas of instability and direct readers to the papers that discuss these controversies, and make no specific recommendations as to which terminology should be used. For a discussion of higher-level phylogenetic relationships, including consensus supertrees and unresolved controversies, see Iverson et al. (2007, this volume) for details.

In addition, we document those taxa that have been described as new or resurrected since Iverson (1992), plus those taxa still recognized as distinct by Iverson (1992) or other subsequent authors, that have subsequently been synonymized under current names for various reasons. In many cases those synonymizations have been well supported by morphologic or genetic analysis, but some have not. These recently synonymized taxa, in addition to the many previously synonymized taxa documented in Iverson (1992) and Fritz and Havas (2006, 2007), represent a wealth of potential diversity at lower levels of distinctiveness (e.g., possible Evolutionarily Significant Units or Management Units) or possibly valid terminal taxa simply in need of more detailed analysis.

Our list is not a complete historical review of all taxonomic changes to turtles, but does aim to be complete for the time since Iverson (1992). Moreover, it should not be taken as our opinion on the validity of any particular name. We fully expect that some of the terminals listed here will be synonymized based on future work while some excluded names will later be considered valid.

The format of this list is an indented hierarchy (by phylogeny) of turtle clades with modern terminal taxa. See Krenz et al. (2005) and Parham et al. (2006a) for the phylogeny used to create this hierarchy. The major levels of the hierarchy are listed phylogenetically with lower levels (equivalent to families, subfamilies, genera, species, and subspecies) listed alphabetically. Terminal taxa (species or subspecies) are in bold. Nominotypical subspecific terminals are implied, but not listed separately. Competing genera are generally listed in the order that they were most recently proposed, so the sequence should not be used to infer preference for any name. Because we sometimes list multiple genera for several terminals we abandon the convention of placing authorities of transferred species names in parentheses. Comments on areas of instability or recent change or synonymizations are indicated by superscript numbers that refer to the annotations below, while terminal taxa that have gone extinct within modern times (since 1500 AD) are indicated by a (†).

We anticipate that this annotated list will be a useful resource for everyone interested in turtles and their nomenclature. In addition to clarifying some issues or points of confusion, this list should also provide an impetus for future work aimed at clarifying and resolving areas of taxonomic disagreement and/or uncertainty.

Table 1. How many modern turtle species are there?
This table, modified and expanded from Adler (2007), records the number of modern turtle species, additional subspecies, and total taxa (species plus subspecies) listed as distinct by various authorities progressively through the years. As we have continued to discover and investigate more of the world's turtle populations, and applied increasingly refined morphologic and genetic characters and criteria for recognizing and documenting chelonian diversity, the number of distinct turtle species and total taxa have grown dramatically. Of the currently recognized turtle taxa, 6 species plus 3 additional subspecies (9 total taxa) have gone extinct since 1500 AD, leaving us currently with 313 living turtle species, 143 additional living subspecies, and 456 living turtle taxa (species and subspecies).

Authority	Species	Additional Subspecies	Total Taxa
Linnaeus, 1758	11	0	11
Linnaeus, 1766	15	0	15
Schneider, 1783-92	20	0	20
Gmelin, 1789	33	0	33
Schoepff, 1792-1801	55	0	55
Daudin, 1801	58	0	58
Schweigger, 1812	78	0	78
Duméril and Bibron, 1835	121	0	121
Fitzinger, 1835	122	0	122
Gray, 1844	136	0	136
Gray, 1856b	154	0	154
Gray, 1873c	209	0	209
Boulenger, 1889	212	0	212
Siebenrock, 1909	232	33	265
Rust et al., 1934	252	45	297
Mertens and Wermuth, 1955	211	121	332
Wermuth and Mertens, 1961	212	112	324
Pritchard, 1967	232	95	327
Wermuth and Mertens, 1977	219	121	340
Pritchard, 1979	237	115	352
Iverson, 1986	246	115	361
Ernst and Barbour, 1989	257	125	382
Iverson, 1992	257	139	396
David, 1994	273	137	410
Fritz and Havas, 2006	313	148	461
Fritz and Havas, 2007	313	147	460
Present checklist	319	146	465

CHECKLIST OF MODERN TURTLE TAXA[1]

Testudines
- Cryptodira
  - Chelydridae
    - *Chelydra*[2]
      - ***acutirostris*** Peters 1862
      - ***rossignonii*** Bocourt 1868
      - ***serpentina*** Linnaeus 1758
        - ***osceola*** Stejneger 1918
    - *Macrochelys* [formerly *Macroclemys*][3]
      - ***temminckii*** Troost 1835
  - Chelonioidea
    - Cheloniidae
      - *Caretta*
        - ***caretta*** Linnaeus 1758
      - *Chelonia*
        - ***mydas*** Linnaeus 1758[4]
      - *Eretmochelys*
        - ***imbricata*** Linnaeus 1766
          - ***bissa*** Rüppell 1835[5]
      - *Lepidochelys*
        - ***kempii*** Garman 1880
        - ***olivacea*** Eschscholtz 1829
      - *Natator*
        - ***depressus*** Garman 1880
    - Dermochelyidae
      - *Dermochelys*
        - ***coriacea*** Vandelli 1761
  - Kinosternoidea
    - Dermatemydidae
      - *Dermatemys*
        - ***mawii*** Gray 1847
    - Kinosternidae
      - Kinosterninae
        - *Kinosternon*
          - ***acutum*** Gray 1831b
          - ***alamosae*** Berry and Legler 1980
          - ***angustipons*** Legler 1965
          - ***arizonense*** Gilmore 1922[6]
          - ***baurii*** Garman 1891
          - ***chimalhuaca*** Berry, Seidel, and Iverson 1996[7]
          - ***creaseri*** Hartweg 1934
          - ***dunni*** Schmidt 1947
          - ***durangoense*** Iverson 1979[6]
          - ***flavescens*** Agassiz 1857[6]
          - ***herrerai*** Stejneger 1925
          - ***hirtipes*** Wagler 1833
            - ***chapalaense*** Iverson 1981
            - ***magdalense*** Iverson 1981
            - ***megacephalum*** Iverson 1981 (†)
            - ***murrayi*** Glass and Hartweg 1951
            - ***tarascense*** Iverson 1981
          - ***integrum*** Le Conte 1854
          - ***leucostomum*** Duméril and Bibron 1851
            - ***postinguinale*** Cope 1887
            - ***oaxacae*** Berry and Iverson 1980
          - ***scorpioides*** Linnaeus 1766[8]
            - ***abaxillare*** Baur 1925
            - ***albogulare*** Duméril and Bocourt 1870
            - ***cruentatum*** Duméril and Bibron 1851
          - ***sonoriense*** Le Conte 1854
            - ***longifemorale*** Iverson 1981
          - ***subrubrum*** Bonnaterre 1789
            - ***hippocrepis*** Gray 1856a
            - ***steindachneri*** Siebenrock 1906b
        - *Sternotherus* [formerly in *Kinosternon*][9]
          - ***carinatus*** Gray 1856a
          - ***depressus*** Tinkle and Webb 1955[10]
          - ***minor*** Agassiz 1857
            - ***peltifer*** Smith and Glass 1947
          - ***odoratus*** Latreille 1801
      - Staurotypinae
        - *Claudius*
          - ***angustatus*** Cope 1865
        - *Staurotypus*
          - ***salvinii*** Gray 1864b
          - ***triporcatus*** Wiegmann 1828
- Testudinoidea
  - Emydidae
    - Deirochelyinae
      - *Chrysemys*
        - ***picta*** Schneider 1783[11]
          - ***bellii*** Gray 1830
          - ***dorsalis*** Agassiz 1857[11]
          - ***marginata*** Agassiz 1857
      - *Deirochelys*
        - ***reticularia*** Latreille 1801
          - ***chrysea*** Schwartz 1956
          - ***miaria*** Schwartz 1956
      - *Graptemys*
        - ***barbouri*** Carr and Marchand 1942
        - ***caglei*** Haynes and McKown 1974
        - ***ernsti*** Lovich and McCoy 1992
        - ***flavimaculata*** Cagle 1954
        - ***geographica*** LeSueur 1817
        - ***gibbonsi*** Lovich and McCoy 1992
        - ***nigrinoda*** Cagle 1954
          - ***delticola*** Folkerts and Mount 1969
        - ***oculifera*** Baur 1890
        - ***ouachitensis*** Cagle 1953
          - ***sabinensis*** Cagle 1953[12]
        - ***pseudogeographica*** Gray 1831b
          - ***kohnii*** Baur 1890
        - ***pulchra*** Baur 1893c
        - ***versa*** Stejneger 1925
      - *Malaclemys*
        - ***terrapin*** Schoepff 1793
          - ***centrata*** Latreille 1801
          - ***littoralis*** Hay 1904
          - ***macrospilota*** Hay 1904

- ***pileata*** Wied 1865
- ***rhizophorarum*** Fowler 1906
- ***tequesta*** Schwartz 1955

Pseudemys
- ***alabamensis*** Baur 1893a
- ***concinna*** Le Conte 1830[13]
  - ***floridana*** Le Conte 1830[14]
  - ***suwanniensis*** Carr 1937[15]
- ***gorzugi*** Ward 1984[16]
- ***nelsoni*** Carr 1938a
- ***peninsularis*** Carr 1938b[17]
- ***rubriventris*** Le Conte 1830
- ***texana*** Baur 1893a

Trachemys[18]
- ***adiutrix*** Vanzolini 1995
- ***callirostris*** Gray 1856b[18]
  - ***chichiriviche*** Pritchard and Trebbau 1984[19]
- ***decorata*** Barbour and Carr 1940
- ***decussata*** Gray 1830
  - ***angusta*** Barbour and Carr 1940
- ***dorbigni*** Duméril and Bibron 1835[18,20]
- ***emolli*** Legler 1990[18]
- ***gaigeae*** Hartweg 1939[18]
  - ***hartwegi*** Legler 1990[19]
- ***nebulosa*** Van Denburgh 1895[18]
  - ***hiltoni*** Carr 1942[19]
- ***ornata*** Gray 1830[18]
- ***scripta*** Schoepff 1792
  - ***elegans*** Wied 1839
  - ***troostii*** Holbrook 1836
- ***stejnegeri*** Schmidt 1928
  - ***malonei*** Barbour and Carr 1938
  - ***vicina*** Barbour and Carr 1940
- ***taylori*** Legler 1960[18]
- ***terrapen*** Bonnaterre 1789
- ***venusta*** Gray 1856b[18]
  - ***cataspila*** Günther 1885[19]
  - ***grayi*** Bocourt 1868[19]
- ***yaquia*** Legler and Webb 1970[18]

Emydinae

Clemmys
- ***guttata*** Schneider 1792

Emys or *Actinemys*
- ***marmorata*** Baird and Girard 1852 [formerly in *Clemmys*][21,22]

Emys or *Emydoidea*[21]
- ***blandingii*** Holbrook 1838

Emys[21]
- ***orbicularis*** Linnaeus 1758
  - ***capolongoi*** Fritz 1995
  - ***colchica*** Fritz 1994
  - ***eiselti*** Fritz, Baran, Budak, and Amthauer 1998
  - ***fritzjuergenobsti*** Fritz 1993
  - ***galloitalica*** Fritz 1995
  - ***hellenica*** Valenciennes 1832
  - ***hispanica*** Fritz, Keller, and Budde 1996
  - ***iberica*** Eichwald 1831[23]
  - ***ingauna*** Jesu, Piombo, Salvidio, Lamagni, Ortale, and Genta 2004
  - ***lanzai*** Fritz 1995
  - ***luteofusca*** Fritz 1989
  - ***occidentalis*** Fritz 1993
  - ***persica*** Eichwald 1831[24]
- ***trinacris*** Fritz, Fattizzo, Guicking, Tripepi, Pennisi, Lenk, Joger, and Wink 2005

Glyptemys [formerly in *Clemmys*][21]
- ***insculpta*** Le Conte 1830
- ***muhlenbergii*** Schoepff 1801

Terrapene
- ***carolina*** Linnaeus 1758
  - ***bauri*** Taylor 1895
  - ***major*** Agassiz 1857
  - ***mexicana*** Gray 1849[25]
  - ***triunguis*** Agassiz 1857
  - ***yucatana*** Boulenger 1895[25]
- ***coahuila*** Schmidt and Owens 1944
- ***nelsoni*** Stejneger 1925
  - ***klauberi*** Bogert 1943
- ***ornata*** Agassiz 1857
  - ***luteola*** Smith and Ramsey 1952

Platysternidae[26]

Platysternon
- ***megacephalum*** Gray 1831c[27]
  - ***peguense*** Gray 1870b
  - ***shiui*** Ernst and McCord 1987

Testudinoidae or Testuguria[28]

Bataguridae or Geoemydidae[29]

Batagur[30]
- ***baska*** Gray 1830[31]
- ***borneoensis*** Schlegel and Müller 1844 [formerly in *Callagur*][30]
- ***dhongoka*** Gray 1832 [formerly in *Kachuga*][30]
- ***kachuga*** Gray 1831a [formerly in *Kachuga*][30]
- ***trivittata*** Duméril and Bibron 1835 [formerly in *Kachuga*][30]

Cuora[32,33]
- ***amboinensis*** Daudin 1801
  - ***couro*** Schweigger 1812
  - ***kamaroma*** Rummler and Fritz 1991
  - ***lineata*** McCord and Philippen 1998
- ***aurocapitata*** Luo and Zong 1988
- ***flavomarginata*** Gray 1863d
  - ***evelynae*** Ernst and Lovich 1990
  - ***sinensis*** Hsü 1930[34]
- ***galbinifrons*** Bourret 1939b[35]
  - ***bourreti*** Obst and Reimann 1994
  - ***picturata*** Lehr, Fritz, and Obst 1998

- ***mccordi*** Ernst 1988
- ***mouhotii*** Gray 1862 [formerly in *Pyxidea*][32]
  - ***obsti*** Fritz, Andreas, and Lehr 1998
- ***pani*** Song 1984
- ***trifasciata*** Bell 1825[36]
- ***yunnanensis*** Boulenger 1906[37]
- ***zhoui*** Zhao 1990

Cyclemys[38]
- ***atripons*** Iverson and McCord 1997
- ***dentata*** Gray 1831b
- ***oldhamii*** Gray 1863d
- ***pulchristriata*** Fritz, Gaulke, and Lehr 1997
- ***shanensis*** Annandale 1918
  - ***tcheponensis*** Bourret 1939a

Geoclemys
- ***hamiltonii*** Gray 1830

Geoemyda[39]
- ***japonica*** Fan 1931
- ***spengleri*** Gmelin 1789

Hardella
- ***thurjii*** Gray 1831b[40]

Heosemys
- ***annandalii*** Boulenger 1903 [formerly in *Hieremys*][41]
- ***depressa*** Anderson 1875
- ***grandis*** Gray 1860b
- ***spinosa*** Gray 1830

Leucocephalon
- ***yuwonoi*** McCord, Iverson, and Boeadi 1995 [formerly in *Geoemyda* or *Heosemys*][42]

Malayemys
- ***macrocephala*** Gray 1859[43]
- ***subtrijuga*** Schlegel and Müller 1844

Mauremys[33,44]
- ***annamensis*** Siebenrock 1903a [formerly in *Annamemys*][44]
- ***caspica*** Gmelin 1774
  - ***siebenrocki*** Wischuf and Fritz 1997
  - ***ventrimaculata*** Wischuf and Fritz 1996
- ***japonica*** Temminck and Schlegel 1835
- ***leprosa*** Schweigger 1812[45]
  - ***saharica*** Schleich 1996
- ***mutica*** Cantor 1842
  - ***kami*** Yasukawa, Ota, and Iverson 1996
- ***nigricans*** Gray 1834 [formerly in *Chinemys*][44]
- ***reevesii*** Gray 1831b [formerly in *Chinemys*][44,46]
- ***rivulata*** Valenciennes 1833
- ***sinensis*** Gray 1834 [formerly in *Ocadia*][44]

Melanochelys
- ***tricarinata*** Blyth 1856
- ***trijuga*** Schweigger 1812
  - ***coronata*** Anderson 1879
  - ***edeniana*** Theobald 1876[47]
  - ***indopeninsularis*** Annandale 1913
  - ***parkeri*** Deraniyagala 1939
  - ***thermalis*** Lesson 1830

Morenia
- ***ocellata*** Duméril and Bibron 1835
- ***petersi*** Anderson 1879

Notochelys
- ***platynota*** Gray 1834

Orlitia
- ***borneensis*** Gray 1873a

Pangshura [formerly in *Kachuga*][48]
- ***smithii*** Gray 1863e
  - ***pallidipes*** Moll 1987
- ***sylhetensis*** Jerdon 1870
- ***tecta*** Gray 1830
- ***tentoria*** Gray 1834[49]
  - ***circumdata*** Mertens 1969
  - ***flaviventer*** Günther 1864[49]

Rhinoclemmys
- ***annulata*** Gray 1860a
- ***areolata*** Duméril and Bibron 1851
- ***diademata*** Mertens 1954
- ***funerea*** Cope 1876
- ***melanosterna*** Gray 1861
- ***nasuta*** Boulenger 1902
- ***pulcherrima*** Gray 1856b
  - ***incisa*** Bocourt 1868
  - ***manni*** Dunn 1930
  - ***rogerbarbouri*** Ernst 1978
- ***punctularia*** Daudin 1801
  - ***flammigera*** Paolillo 1985
- ***rubida*** Cope 1870
  - ***perixantha*** Mosimann and Rabb 1953

Sacalia[33]
- ***bealei*** Gray 1831b
- ***quadriocellata*** Siebenrock 1903a

Siebenrockiella
- ***crassicollis*** Gray 1830
- ***leytensis*** Taylor 1920 [formerly in *Heosemys*][50]

Vijayachelys
- ***silvatica*** Henderson 1912 [formerly in *Geoemyda*][51]

Testudinidae

Aldabrachelys or *Dipsochelys* [formerly in *Geochelone*][52,53]
- ***arnoldi*** Bour 1982[54]
- ***daudinii*** Duméril and Bibron 1835 (†)
- ***dussumieri*** Gray 1831b[55]
- ***hololissa*** Günther 1877

Astrochelys [formerly in *Geochelone*][52]
- ***radiata*** Shaw 1802

Astrochelys or *Angonoka* [formerly in *Geochelone*][52]
- ***yniphora*** Vaillant 1885a[56]

Chelonoidis [formerly in *Geochelone*][52]
- ***carbonaria*** Spix 1824
- ***chilensis*** Gray 1870a[57]
- ***denticulata*** Linnaeus 1766
- ***nigra*** Quoy and Gaimard 1824[58]

abingdonii Günther 1877
becki Rothschild 1901
chathamensis Van Denburgh 1907[59]
darwini Van Denburgh 1907
duncanensis Garman 1917[60]
hoodensis Van Denburgh 1907
(nigra Quoy and Gaimard 1824) (†)[61]
phantastica Van Denburgh 1907 (†)[62]
porteri Rothschild 1903[63]
vicina Günther 1875[64]
petersi Freiberg 1973[57]
Chersina
angulata Schweigger 1812
Cylindraspis
indica Schneider 1783 (†)[65]
inepta Günther 1873 (†)
peltastes Duméril and Bibron 1835 (†)
triserrata Günther 1873 (†)
vosmaeri Suckow 1798 (†)[66]
Geochelone[52]
elegans Schoepff 1795
platynota Blyth 1863
Geochelone or *Centrochelys*[52]
sulcata Miller 1779
Gopherus
agassizii Cooper 1863
berlandieri Agassiz 1857
flavomarginatus Legler 1959
polyphemus Daudin 1801
Homopus[67]
areolatus Thunberg 1787
boulengeri Duerden 1906
femoralis Boulenger 1888a
signatus Gmelin 1789
cafer Daudin 1801
solus Branch 2007[67]
Indotestudo
elongata Blyth 1853
forstenii Schlegel and Müller 1844
travancorica Boulenger 1907[68]
Kinixys
belliana Gray 1830[69]
domerguei Vuillemin 1972
nogueyi Lataste 1886
zombensis Hewitt 1931
erosa Schweigger 1812
homeana Bell 1827
lobatsiana Power 1927
natalensis Hewitt 1935
spekii Gray 1863c
Malacochersus
tornieri Siebenrock 1903b
Manouria
emys Schlegel and Müller 1844
phayrei Blyth 1853
impressa Günther 1882
Psammobates
geometricus Linnaeus 1758
oculifer Kuhl 1820
tentorius Bell 1828
trimeni Boulenger 1886
verroxii Smith 1839
Pyxis
arachnoides Bell 1827[70]
brygooi Vuillemin and Domergue 1972
oblonga Gray 1869
planicauda Grandidier 1867
Stigmochelys or *Psammobates* [formerly in *Geochelone*][52]
pardalis Bell 1828[71]
babcocki Loveridge 1935
Testudo[72]
graeca Linnaeus 1758[73]
armeniaca Chkhikvadze and Bakradze 1991
buxtoni Boulenger 1921
cyrenaica Pieh and Perälä 2002
ibera Pallas 1814
lamberti Pieh and Perälä 2004
marokkensis Pieh and Perälä 2004
nabeulensis Highfield 1990
soussensis Pieh 2001
terrestris Forsskål 1775
zarudnyi Nikolsky 1896
kleinmanni Lortet 1883[74]
marginata Schoepff 1793[75]
Testudo or *Agrionemys*[72]
hermanni Gmelin 1789[76]
boettgeri Mojsisovics 1889
horsfieldii Gray 1844[77]
kazachstanica Chkhikvadze 1988[77]
rustamovi Chkhikvadze, Amiranashvili, and Ataev 1990[77]

Trionychia
Carettochelyidae
Carettochelys
insculpta Ramsay 1886
canni Wells 2002a[78]
Trionychidae
Cyclanorbinae
Cyclanorbis
elegans Gray 1869
senegalensis Duméril and Bibron 1835
Cycloderma
aubryi Duméril 1856
frenatum Peters 1854
Lissemys
punctata Bonnaterre 1789
andersoni Webb 1980
scutata Peters 1868
Trionychinae
Amyda
cartilaginea Boddaert 1770
Apalone

ferox Schneider 1783
mutica LeSueur 1827
calvata Webb 1959
spinifera LeSueur 1827
aspera Agassiz 1857
atra Webb and Legler 1960[79]
emoryi Agassiz 1857
guadalupensis Webb 1962
hartwegi Conant and Goin 1948
pallida Webb 1962
Aspideretes or *Nilssonia*[80]
gangetica Cuvier 1825
hurum Gray 1830
leithii Gray 1872
nigricans Anderson 1875[81]
Chitra
chitra Nutaphand 1986
javanensis McCord and Pritchard 2003
indica Gray 1830
vandijki McCord and Pritchard 2003
Dogania
subplana Geoffroy Saint-Hilaire 1809
Nilssonia[80]
formosa Gray 1869
Palea
steindachneri Siebenrock 1906a
Pelochelys
bibroni Owen 1853
cantorii Gray 1864a
signifera Webb 2003
Pelodiscus[82]
axenaria Zhou, Zhang, and Fang 1991
maackii Brandt 1857
parviformis Tang 1997
sinensis Wiegmann 1835
Rafetus
euphraticus Daudin 1801
swinhoei Gray 1873b[83]
Trionyx
triunguis Forsskål 1775

Pleurodira
Chelidae
Acanthochelys
macrocephala Rhodin, Mittermeier, and McMorris 1984[84]
pallidipectoris Freiberg 1945
radiolata Mikan 1820
spixii Duméril and Bibron 1835
Chelodina[85]
canni McCord and Thomson 2002[86]
gunaleni McCord and Joseph-Ouni 2007
longicollis Shaw 1794
mccordi Rhodin 1994b
roteensis McCord, Joseph-Ouni, and Hagen 2007a[87]
novaeguineae Boulenger 1888b
oblonga Gray 1841[88]
pritchardi Rhodin 1994a
reimanni Philippen and Grossmann 1990
steindachneri Siebenrock 1914[85]
timorensis McCord, Joseph-Ouni, and Hagen 2007b[89]
Chelodina or *Macrochelodina*[85]
burrungandjii Thomson, Kennett, and Georges 2000
expansa Gray 1857
kuchlingi Cann 1997d[90]
parkeri Rhodin and Mittermeier 1976
rugosa Ogilby 1890[91]
Chelus
fimbriata Schneider 1783
Elseya[92]
albagula Thomson, Georges, and Limpus 2006
branderhorsti Ouwens 1914[93]
dentata Gray 1863a
irwini Cann 1997c
jukesi Wells 2007b[94]
lavarackorum White and Archer 1994
novaeguineae Meyer 1874
schultzei Vogt 1911[95]
stirlingi Wells 2007b[96]
Elseya or *Wollumbinia*[92]
bellii Gray 1844[97]
georgesi Cann 1997a
latisternum Gray 1867
purvisi Wells and Wellington 1985
Elusor
macrurus Cann and Legler 1994
Emydura
australis Gray 1841
macquarii Gray 1830[98]
binjing Cann 1998
dharra Cann 1998
dharuk Cann 1998
emmotti Cann, McCord, and Joseph-Ouni 2003
gunabarra Cann 1998
krefftii Gray 1871
nigra McCord, Cann, and Joseph-Ouni 2003
signata Ahl 1932
subglobosa Krefft 1876
worrelli Wells and Wellington 1985[99]
tanybaraga Cann 1997b
victoriae Gray 1842
Hydromedusa
maximiliani Mikan 1825
tectifera Cope 1870
Phrynops[100]
geoffroanus Schweigger 1812
hilarii Duméril and Bibron 1835
tuberosus Peters 1870
williamsi Rhodin and Mittermeier 1983

Batrachemys or *Mesoclemmys*[100]
dahli Zangerl and Medem 1958
heliostemma McCord, Joseph-Ouni, and Lamar 2001[101]
nasuta Schweigger 1812
raniceps Gray 1856b
tuberculata Luederwaldt 1926
zuliae Pritchard and Trebbau 1984
Mesoclemmys[100]
gibba Schweigger 1812
perplexa Bour and Zaher 2005
Mesoclemmys or *Bufocephala*[100]
vanderhaegei Bour 1973
Mesoclemmys or *Ranacephala*[100]
hogei Mertens 1967
Phrynops or *Rhinemys*[100]
rufipes Spix 1824
Platemys
platycephala Schneider 1792
melanonota Ernst 1984
Pseudemydura
umbrina Siebenrock 1901
Rheodytes
leukops Legler and Cann 1980

Pelomedusidae
Pelomedusa
subrufa Bonnaterre 1789[102]
Pelusios
adansonii Schweigger 1812
bechuanicus FitzSimons 1932
broadleyi Bour 1986
carinatus Laurent 1956
castaneus Schweigger 1812
castanoides Hewitt 1931
intergularis Bour 1983
chapini Laurent 1965
cupulatta Bour and Maran 2003
gabonensis Duméril 1856
marani Bour 2000
nanus Laurent 1956
niger Duméril and Bibron 1835
rhodesianus Hewitt 1927
seychellensis Siebenrock 1906c (†)[103]
sinuatus Smith 1838
subniger Bonnaterre 1789
parietalis Bour 1983
upembae Broadley 1981
williamsi Laurent 1965
laurenti Bour 1984
lutescens Laurent 1965

Podocnemididae or Podocnemidae[104]
Erymnochelys
madagascariensis Grandidier 1867
Peltocephalus
dumerilianus Schweigger 1812
Podocnemis
erythrocephala Spix 1824
expansa Schweigger 1812
lewyana Duméril 1852
sextuberculata Cornalia 1849
unifilis Troschel 1848[105]
vogli Müller 1935

ANNOTATIONS

1. Both IUCN (The World Conservation Union, http://www.iucnredlist.org) and CREO (Committee on Recently Extinct Organisms, http://creo.amnh.org) have designated 1500 AD as their official cutoff date for determining what constitutes a recently extinct species, and we follow their criteria in our checklist.
2. *Chelydra*: Phillips et al. (1996) elevated *acutirostris* and *rossignoni* to full species status and retained the subspecies *osceola*. See Shaffer et al. (in press) for a complete review.
3. *Macrochelys* [formerly *Macroclemys*]: Although *Macroclemys* has been the most commonly used name, Webb (1995) showed that *Macrochelys* is the oldest available name.
4. *Chelonia mydas*: Bowen et al. (1992) showed that recognition of the taxon *agassizii* Bocourt 1868 renders *mydas* paraphyletic, and *agassizii* is no longer generally recognized as either a distinct species or subspecies. See Parham and Zug (1996) and Karl and Bowen (1999) for a complete review.
5. *Eretmochelys imbricata*: Fritz and Havas (2006, 2007) did not list *bissa* as a valid taxon, but no argumentation for this opinion was given. Genetic data (Okayama et al., 1999) have suggested significant separation of Atlantic from Pacific stocks.
6. *Kinosternon* species: Serb et al. (2001) elevated two former subspecies of *flavescens* (*arizonense* and *durangoense*) to full species status.
7. *Kinosternon chimalhuaca*: This new species name appeared prematurely and erroneously first in the hobbyist literature, with the full original description published a few months later (Berry et al., 1996, 1997).
8. *Kinosternon scorpioides scorpioides*: Includes the previously recognized subspecies *seriei* Freiberg 1936 and *carajasensis* Cunha 1970 in synonymy (Cabrera and Colantonio, 1997).
9. *Sternotherus*: This genus was included as a junior synonym of *Kinosternon* by Iverson (1992) and David (1994) based on work by Seidel et al. (1986) and Iverson (1991). However, this view was never widely accepted, and Iverson (1998) showed that the species referred to either *Sternotherus* or *Kinosternon* formed reciprocally monophyletic clades and recommended that both genera be used.

10. *Sternotherus depressus*: Whereas some earlier authors had placed this taxon as a subspecies of *minor*, Walker et al. (1998) showed that *depressus* was genetically distinct from *minor*.
11. *Chrysemys picta dorsalis*: This subspecies of *Chrysemys picta* was elevated to full species status by Starkey et al. (2003), who recognized two distinct genetic lineages: *C. dorsalis* and *C. picta*. They did not find genetic support for the other subspecies of *C. picta* (*belli*, *marginata*) but did not recommend that they be abandoned. Fritz and Havas (2006, 2007) argued that full specific status of *dorsalis* was not fully demonstrated and retained it and the other two taxa as subspecies of *C. picta*, agreeing also with Ernst et al. (2006).
12. *Graptemys ouachitensis sabinensis*: Based on molecular and morphologic data, Stephens and Wiens (2003) suggested that *sabinensis* may not be closely related to *ouachitensis*. However, statistical support for this was weak, and they did not discuss or recommend a taxonomic change. Further study of this complex may warrant the elevation of the sympatric taxon *sabinensis* to full species status.
13. *Pseudemys concinna concinna*: Includes the previously recognized subspecies *hieroglyphica* Holbrook 1836, *mobilensis* Holbrook 1838, and *metteri* Ward 1984 in synonymy (Seidel, 1994).
14. *Pseudemys concinna floridana*: This taxon was previously considered a separate species, but was designated a subspecies of *concinna* by Seidel (1994). Jackson (1995) argued for the retention of *floridana* as a full species, but Seidel (1995) rejected this argument.
15. *Pseudemys concinna suwanniensis*: Previously considered a subspecies of *concinna*, Seidel (1994) argued for the elevation of this taxon to full species status, but Jackson (1995) argued for its subspecific status.
16. *Pseudemys gorzugi*: This taxon was previously considered a subspecies of *concinna*, but was elevated to species status by Ernst (1990) without argumentation, but then supported through analysis by Seidel (1994).
17. *Pseudemys peninsularis*: This taxon was previously considered a subspecies of *floridana*, but was elevated to species status by Seidel (1994). Jackson (1995) argued for the retention of *peninsularis* as a subspecies of *floridana*, but Seidel (1995) reaffirmed his recognition.
18. *Trachemys* species: Seidel (2002) recommended elevating nine Mesoamerican taxa, previously recognized as subspecies of *Trachemys scripta*, to species rank.
19. *Trachemys* subspecies: Seidel (2002) also recommended reassigning five taxa, previously subspecies of *scripta*, to subspecies of his various elevated *Trachemys* species.
20. *Trachemys dorbigni*: Includes the previously recognized subspecies *brasiliensis* Freiberg 1969 in synonymy, based on morphologic work (del Barco and Larriera, 1993).
21. *Emydoidea* and the turtles formerly known as *Clemmys*: The four traditional species of *Clemmys* (*guttata* [type], *insculpta*, *muhlenbergii*, and *marmorata*) do not form a monophyletic group with respect to the two monotypic genera *Emys orbicularis* and *Emydoidea blandingii* in phylogenies based on DNA data (Bickham et al., 1996; Burke et al., 1996; Lenk et al. 1999; Feldman and Parham, 2002). While there is a general agreement that *insculpta* and *muhlenbergii* are sister-species and should be placed in the genus *Glyptemys* (Holman and Fritz, 2001; Parham and Feldman, 2002), there are two schemes presented for *marmorata* and *blandingii*. Holman and Fritz (2001) recommended that *marmorata* be placed in the monotypic genus *Actinemys*, retaining both *Emys orbicularis* and *Emydoidea blandingii* as additional monotypic genera. Other authors (Bickham et al., 1996; Feldman and Parham, 2002; Parham and Feldman, 2002) recommended that *marmorata* and *blandingii* be placed into an expanded *Emys*, a scheme favored in the most recent analysis of variation in *marmorata* (Spinks and Shaffer, 2005).
22. *Emys* or *Actinemys marmorata*: Previously, two subspecies were distinguished, including *pallida* Seeliger 1945, but genetic analysis by Spinks and Shaffer (2005) demonstrated that the typical and previously recognized subspecies *pallida* were within the same phylogeographic clade and so *pallida* should not be considered valid.
23. *Emys orbicularis iberica*: Includes the recently described subspecies *kurae* Fritz 1994 in synonymy (Fritz, 1998).
24. *Emys orbicularis persica*: Includes the recently described subspecies *orientalis* Fritz 1994 in synonymy (Fritz, 1998).
25. Mexican *Terrapene carolina*: Stephens and Wiens (2003) suggested that Mexican subspecies of *T. carolina* may warrant full species status. While this convention has also been adopted previously (Smith et al., 1996), almost all other workers recognize these as subspecies.
26. Platysternidae: Krenz et al. (2005) confirmed that nuDNA placed *Platysternon* solidly within the Testudinoidea, and Parham et al. (2006a) supported this finding with mtDNA.
27. *Platysternon megacephalum*: Ernst and Laemmerzahl (2002) synonymized two subspecies of *megacephalum* (*vogeli* Wermuth 1969 and *tristernalis* Schleich and Gruber 1984) with the nominate subspecies.
28. Testudinoidae or Testuguria: Shaffer et al. (1997) coined the name 'Testudinoidae' for the clade that united Testudinidae with Bataguridae/Geoemydidae. Joyce et al. (2004) listed Testudinoidae as an undesirable derivative of *Testudo* being to similar to both 'Testudinidae' and 'Testudinoidea.' In that same paper, the authors coined the new clade name 'Testuguria' for that same clade (while neglecting to list Testudinoidae as an objective senior synonym). Parham et al. (2006a) explicitly argued for the use of Testuguria over Testudinoidae.
29. Bataguridae or Geoemydidae: Both names are being used to refer to this group of predominantly Asian testudinoids. McDowell (1964) used the name Batagurinae for this group (as a subfamily) which was

changed to Bataguridae (as a family) by Gaffney and Meylan (1988). Bour and Dubois (1986) showed that Geoemydidae has priority, and David (1994), Spinks et al. (2004) and others have embraced this view. However, this approach was questioned by Joyce et al. (2004) who, working in a rank-free phylogenetic taxonomy framework, recommended the continued use of Bataguridae. In the interest of reconciling phylogenetic nomenclature with traditional Linnaean rules of priority, Parham et al. (2006a) endorsed a phylogenetic codification of Geoemydidae.

30. *Batagur*: Praschag et al. (2007b) and Le et al. (2007) demonstrated that species of *Kachuga* were genetically paraphyletic with respect to those referred to *Batagur* and *Callagur* and recommended that only one genus be recognized, and the name *Batagur* has priority.
31. *Batagur baska*: The subspecies *ranongensis* Nutaphand 1979 is not well differentiated and has been synonymized under *baska* by Fritz and Havas (2006, 2007), but no specific morphologic or genetic analysis has yet been performed to formally evaluate the status of this taxon.
32. *Cuora*: Phylogenies based on DNA data (Honda et al., 2002a; Stuart and Parham, 2004; Parham et al., 2004; Spinks et al., 2004) have shown that continued recognition of the genus *Pyxidea* for *mouhotii* would render *Cuora* paraphyletic. All of these studies recommended expanding *Cuora* to include *mouhotii*. Other schemes for *Cuora* have not been published in the recent scientific literature, though there has been some use of *Cistoclemmys* for *flavomarginata* and *galbinifrons* (e.g., Zhao et al., 1997; Zhao, 1997; Yasukawa and Ota, 1999).
33. Hybrid species: The validity of six taxa of *Cuora*, *Mauremys* [including *Ocadia*], and *Sacalia* recently described from pet trade specimens has been refuted by genetic studies that have shown them to be based on hybrids (Parham et al., 2001; Wink et al., 2001; Spinks et al., 2004; Stuart and Parham, 2004, 2007). The taxa shown to be hybrids are: *Cuora galbinifrons serrata* Iverson and McCord 1992b, *Mauremys iversoni* Pritchard and McCord 1991, *Mauremys pritchardi* McCord 1997, *Ocadia glyphistoma* McCord and Iverson 1994, *Ocadia philippeni* McCord and Iverson 1992, and *Sacalia pseudocellata* Iverson and McCord 1992a.
34. *Cuora flavomarginata sinensis*: Some authors recognize this taxon as a valid subspecies (McCord and Iverson, 1991; Fong et al., 2002) while others synonymize it with *flavomarginata* (Yasukawa and Ota, 1999; Fritz and Havas, 2006, 2007).
35. *Cuora galbinifrons*: The taxa *bourreti* and *picturata*, originally described as subspecies of *Cuora galbinifrons*, were elevated to species rank by Stuart and Parham (2004) based on concordance of morphological with molecular differentiation. Fritz et al. (2006c) returned *bourreti* to subspecies rank based on osteological characters shown by market specimens, and suggested that *picturata* warrants the same ranking; Fritz and Havas (2006, 2007) subsequently listed *picturata* at subspecies rank based on morphologically intermediate pet trade specimens. Includes the previously recognized *hainanensis* Li 1958 in synonymy (Zong and Pan, 1989; Iverson and McCord, 1992b).
36. *Cuora trifasciata*: Blanck et al. (2006) recommended that *Cuora trifasciata* be split into two species (including their newly named species *cyclornata* and its new subspecies *meieri*) based on paraphyletic mtDNA haplotypes and morphological differences. Spinks and Shaffer (2007) showed that *trifasciata* as traditionally recognized is monophyletic based on nuDNA and therefore recommended that *cyclornata* should not be recognized, pending additional study.
37. *Cuora yunnanensis*: This species has been listed as extinct by the IUCN since 2000 (www.iucnredlist.org), based on several decades of not finding any surviving animals despite intensive searches. Recently, a pair of animals representing this species were found in markets (Zhou and Zhao, 2004; Zhou, 2005), with subsequent confirmation through genetic analysis (He et al., 2007).
38. *Cyclemys*: Iverson (1992) recognized two taxa of *Cyclemys* (*dentata* and *tcheponensis*). Later, *atripons* and *pulchristriata* were described and *oldhamii* was resurrected (Iverson and McCord, 1997; Fritz et al., 1997). Genetic analysis by Guicking et al. (2002) also supported the validity of *shanensis*.
39. *Geoemyda*: Yasukawa et al. (1992) elevated *japonica* to species status (previously considered a subspecies of *spengleri*).
40. *Hardella thurjii*: Praschag et al. (2007b) found no genetic or morphologic evidence for continued recognition of the subspecies *indi* Gray 1870b, and synonymized it under *thurjii*.
41. *Heosemys annandalii* [formerly in *Hieremys*]: Spinks et al. (2004) showed that *annandalii* was nested among species of *Heosemys*. Diesmos et al. (2005) formally moved *annandalii* into *Heosemys*.
42. *Leucocephalon yuwonoi* [formerly in *Geoemyda* or *Heosemys*]: Originally described as a species of *Geoemyda* (McCord et al., 1995), Fritz and Obst (1996) placed *yuwonoi* in *Heosemys*. McCord et al. (2000) showed that *yuwonoi* was not closely related to the type species of *Geoemyda* or *Heosemys*, but instead sister to *Notochelys platynota*, and erected a new genus, *Leucocephalon*, for *yuwonoi*.
43. *Malayemys macrocephala*: Brophy (2004) proposed the recognition of this species as distinct from *subtrijuga* based on morphological grounds.
44. *Mauremys* [including species formerly in *Annamemys*, *Chinemys*, or *Ocadia*]: Iverson and McCord (1994) included *annamensis* under an expanded *Mauremys*. Subsequent phylogenies based on DNA data (Honda et al., 2002b; Barth et al., 2004; Feldman and Parham, 2004; Spinks et al., 2004) showed that the genera *Ocadia* and *Chinemys* rendered *Mauremys* paraphyletic. Based on these results, some authors (Feldman and

Parham, 2004; Spinks et al., 2004) recommended synonymizing *Ocadia* and *Chinemys* under *Mauremys*. Barth et al. (2004) presented this same scheme as well as one that would retain *Chinemys* and *Ocadia* and further divide *Mauremys* into the genera *Cathaiemys* and *Emmenia*. Barth et al. (2004) did not favor one scheme over the other and a competing scheme for *Mauremys* has not been formally proposed in the scientific literature.

45. *Mauremys leprosa*: Fritz et al. (2006a) explicitly synonymized several subspecies of *leprosa* recently described by Schleich (1996) (*atlantica*, *erhardi*, *marokkensis*, *wernerkaestlei*, and *zizi*) plus *vanmeerhaeghei* Bour and Maran 1998, and only recognized *leprosa* and *saharica*.
46. *Mauremys reevesii*: Iverson et al. (1989) and Barth et al. (2003, 2004) refuted the validity of the terminal taxon *megalocephala* Fang 1934, but it has continued to be recognized by Chinese researchers (Guo et al., 1997; Zhao, 1997; Zhang et al., 1998), and Fritz and Havas (2006, 2007) listed it as a separate taxon with speculation about its relationships.
47. *Melanochelys trijuga edeniana*: The subspecies *wiroti* Reimann 1979 was recognized by Iverson (1992), but David (1994) suggested that it was synonymous with *edeniana*, and Fritz and Havas (2006, 2007) followed this arrangement.
48. *Pangshura* [formerly in *Kachuga*]: Das (2001) and Schleich and Kästle (2002) used the name *Pangshura* to refer to small-bodied *Kachuga*. A phylogeny based on DNA data (Spinks et al., 2004) showed that *Kachuga* was paraphyletic and so removed *flaviventer*, *smithii*, *sylhetensis*, *tecta*, and *tentoria* into the genus *Pangshura*. Praschag et al. (2007b) using mtDNA confirmed the well-supported monophyly of *Pangshura*.
49. *Pangshura tentoria flaviventer*: Schleich and Kästle (2002) elevated *flaviventer* to full species status based on sympatry with *circumdata*, but Praschag et al. (2007b) performed a phylogeographic analysis and retained *flaviventer* as a subspecies of *tentoria*.
50. *Siebenrockiella leytensis* [formerly in *Heosemys*]: Diesmos et al. (2005) placed *leytensis* into the genus *Siebenrockiella* based on strong genetic evidence for its sister relationship to *S. crassicollis*.
51. *Vijayachelys silvatica* [formerly in *Geoemyda*]: This species was originally named as a species of *Geoemyda*. However, a molecular study by Praschag et al. (2006) suggested a distant relationship with that genus and they recommended that it be placed in the new monotypic genus *Vijayachelys*.
52. The *Geochelone* complex: This generic complex includes the genera *Geochelone*, *Aldabrachelys*, *Astrochelys*, *Angonoka*, *Centrochelys*, *Chelonoidis*, *Dipsochelys*, and *Stigmochelys*. Lapparent de Broin (2000b), Gerlach (2001, 2004), Le et al. (2006), and Fritz and Bininda-Emonds (2007) recommended dividing the *Geochelone* complex into several genera, although their schemes differ somewhat. A general consensus on a generic-level revision for some members of the group is lacking while in other areas (e.g., *Astrochelys radiata*, *Chelonoidis*) there is agreement.
53. *Aldabrachelys* or *Dipsochelys*: Bour (1982) originally recommended that Aldabran tortoises (*dussumieri* or *gigantea*) be placed in the genus *Dipsochelys* instead of *Aldabrachelys*. However, *Aldabrachelys* is still widely used, including sometimes by Bour (Austin et al., 2003), though *Dipsochelys* is favored by others (Palkovacs et al., 2002, 2003; Gerlach, 2004). There is recent disagreement regarding the type specimen of *Testudo gigantea*, the type species of *Aldabrachelys*, that was presumed lost. Frazier (2006) designated a neotype for *T. gigantea*, an act that would seemingly validate the use of both *Aldabrachelys* and the terminal taxon *gigantea*. Around the same time, Bour (2006) rediscovered the original lost type specimen, which is actually an individual of the South American tortoise *Chelonoidis denticulata*. If this claim is correct, then the names *Aldabrachelys* or *gigantea* might not be applicable to Aldabran tortoises. Whether Frazier's neotype designation or Bour's specimen rediscovery prevails nomenclaturally remains a matter of ongoing debate, but since Bour (2006) was the most recently published authority we use the name *dussumieri* rather than *gigantea* in our list.
54. *Aldabrachelys* or *Dipsochelys* species: Gerlach and Canning (1998) recognized six species of tortoises in Aldabra, Madagascar, and the Seychelles (three of which were extinct: *abrupta*, *daudinii*, and *grandidieri*). The two species from Madagascar became extinct prior to modern times (*abrupta* Grandidier 1868 in ca. 1250 AD and *grandidieri* Vaillant 1885b in ca. 950 AD) so we do not include them in our list of modern taxa. Palkovacs et al. (2002, 2003) questioned the validity of multiple extant species based on their analysis of genetic data, recognizing only a single living taxon (*Dipsochelys dussumieri*). Gerlach and Bour (2003) reemphasized the validity of the extant species based on the observation that the hatchlings are diagnostic. Fritz and Havas (2006, 2007) recognized only one extant species of Indian Ocean giant tortoise which they referred to *Aldabrachelys gigantea*, but did not address the findings of Gerlach and Bour (2003) or Bour (2006). As we consider the issues surrounding the validity of these species as remaining unresolved, we list all these species as potentially valid.
55. *Aldabrachelys* or *Dipsochelys dussumieri*: Iverson (1992) listed this species as *Geochelone gigantea* Schweigger 1812. Many authors now use *dussumieri* for the Aldabra tortoise (see above), but others persist in using the older name *gigantea* (e.g., Fritz and Havas, 2006, 2007), and others have used the name *elephantina* Duméril and Bibron 1835 (David, 1994; Devaux, 2007).
56. *Astrochelys* or *Angonoka yniphora*: Le et al. (2006) named *Angonoka* for *yniphora* because of its uncertain phylogenetic position. Fritz and Bininda-Emonds (2007) recovered a weak sister relationship between *yniphora*

and *Astrochelys radiata* under some algorithms and recommended that *yniphora* be placed in *Astrochelys*.

57. *Chelonoidis petersi*: According to Cabrera (1998), citing morphologic and osteologic work by Fernández (1988), *Chelonoidis chilensis* should be divided into two species, *chilensis* and *petersi* Freiberg 1973, but he considered the taxon *donosobarrosi* Freiberg 1973 to be synonymous with *chilensis*. Fritz and Havas (2006, 2007) speculated that *petersi* may not be valid and synonymized it under *chilensis*, citing phenotypic plasticity in other tortoise species as a reason for not accepting the reported differences between *petersi* and *chilensis*.
58. *Chelonoidis nigra*: Most recent authors have considered the various taxa of Galapagos tortoises as subspecies of *nigra* (e.g., Pritchard, 1996; Caccone et al., 1999; Fritz and Havas, 2006, 2007), but Caccone et al. (2002) and Russello et al. (2005, 2007) treated them as distinct species. The nomenclatural and survival status of these taxa were discussed in detail by Pritchard (1996).
59. *Chelonoidis nigra chathamensis*: This taxon described from western Chatham Island (San Cristóbal) appears to have been extirpated from its original range, but a population of tortoises persists on eastern Chatham Island that was considered a possible separate subspecies by Pritchard (1996). Pending genetic analysis and resolution of this issue we continue to list *chathamensis* as the extant taxon from Chatham, whereas Fritz and Havas (2006, 2007) listed it as extinct, but made no mention of the extant population.
60. *Chelonoidis nigra duncanensis*: This taxon from Duncan Island (Pinzón) was historically usually referred to *ephippium* Günther 1875, but Pritchard (1996) demonstrated that *ephippium* was a synonym of *abingdonii* and therefore resurrected the old nomen nudum *duncanensis* Garman 1917.
61. The nominotypical subspecies *nigra* from Charles Island (Santa Maria or Floreana) is considered to be extinct and is therefore included separately on this list.
62. *Chelonoidis nigra phantastica*: This taxon was listed by Fritz and Havas (2006, 2007) as extant, but Pritchard (1996) considered it probably extinct.
63. *Chelonoidis nigra porteri*: This taxon from Indefatigable Island (Santa Cruz) has often been referred to *nigrita* Duméril and Bibron 1835, but most recent authors, including Pritchard (1996) and Fritz and Havas (2006, 2007) have used *porteri*.
64. *Chelonoidis nigra vicina*: This widespread taxon from Albemarle Island (Isabela) was previously recognized as one of several valid taxa on that island, including *becki* Rothschild 1901, *microphyes* Günther 1875, *guentheri* Baur 1889, and *vandenburghi* De Sola 1930. Pritchard (1996) synonymized *microphyes*, *guentheri*, and *vandenburghi* under *vicina*, and recognized only *vicina* and *becki* from Albemarle.
65. *Cylindraspis indica*: Includes the recently described *borbonica* Bour 1978 in synonymy, based on genetic work by Austin and Arnold (2001).
66. *Cylindraspis vosmaeri*: Fritz and Havas (2006) credited Fitzinger 1826 with authorship of this name, but corrected it to Suckow 1798 in their 2007 checklist.
67. *Homopus*: A separate taxon of *Homopus* was referred to *H. bergeri* Lindholm 1906 by Branch (1989). However, that name was a junior synonym of *Psammobates tentorius verroxii* Smith 1839 (Branch, 1992; Boycott and Bourquin, 2000), and the new taxon was recently described as *H. solus* by Branch (2007).
68. *Indotestudo travancorica*: This taxon was previously considered a subspecies of *forstenii* (Hoogmoed and Crumly, 1984; Iverson, 1992), but was resurrected to species status by Pritchard (2000) based on morphology, a conclusion supported by mtDNA analysis by Iverson et al. (2001c).
69. *Kinixys belliana*: Fritz and Havas (2006, 2007) recognized only *belliana* and *nogueyi*, following Broadley (1993) uncritically, but others (Iverson, 1992; David, 1994; Iverson et al., 2001a) also recognized *domerguei* and *zombensis*. As the phylogeography of this broadly distributed species complex has not been analyzed, we list the four most widely recognized subspecies.
70. *Pyxis arachnoides*: The three recognized subspecies have recently been confirmed as genetically distinct lineages (Chiari et al., 2005).
71. *Stigmochelys* or *Psammobates pardalis*: Based on genetic analysis, Le et al. (2006) recommended that this taxon be included in an expanded genus *Psammobates*. Fritz and Bininda-Emonds (2007) argued for the retention of a monophyletic *Psammobates* exclusive of *pardalis*. Le at al. (2006) also found a high level of mitochondrial divergence between two specimens assigned to the two subspecies *pardalis* and *babcocki*. In conjunction with morphological distinctions between these two taxa (Loveridge and Williams, 1957; Broadley, 1989), the preliminary genetic data suggest that they may be different at the species level.
72. *Testudo* or *Agrionemys*: The species *horsfieldii* and *hermanni* have been alternatively placed in the genera *Testudo* or *Agrionemys* (Khosatzky and Mlynarski, 1966; Gmira 1993, 1995) and *hermanni* also recently in *Eurotestudo*. Lapparent de Broin (2000a,b) and Parham et al. (2006b) supported the placement of *horsfieldii* in the genus *Agrionemys*, but suggested that a new genus name was needed for *hermanni*. Later Lapparent de Broin et al. (2006) created the name *Eurotestudo* for *hermanni*, but Fritz and Bininda-Emonds (2007) demonstrated that older genus names (*Chersine* and *Medaestia*) are available for that species. Fritz and Bininda-Emonds (2007) recovered a weakly monophyletic clade that included *horsfieldii*, *hermanni*, and the three core species of *Testudo* (*graeca*, *kleinmanni*, and *marginata*). Based on this phylogeny they recommended that all of these species be placed in the genus *Testudo*. The genetic support for some nodes within this clade is not strong and the decision to lump or split is subjective (e.g., whether *Agrionemys* should be used for

horsfieldii is open to debate), therefore the taxonomy of this group may remain in flux for some time.

73. *Testudo graeca*: This species complex has been the subject of massive taxonomic revisions at the species and subspecies level. These revisions have resulted in the naming and elevation of numerous taxa (e.g., Perälä, 2002a,b,c). Several studies (van der Kuyl et al., 2002, 2005; Harris et al., 2003; Carretero et al., 2005; Parham et al., 2006b,c; Fritz et al., 2007) have explicitly refuted the validity of many of these taxonomic acts. Fritz et al. (2007) proposed a taxonomic scheme that recognized five mitochondrial clades in the eastern part of the range of *T. graeca* as subspecies, but did not address the status of several North African subspecies. Since this is the most recent taxonomic suggestion, it is listed here. However, in their recent checklist, Fritz and Havas (2006, 2007) included not only the eleven taxa we list, but also *anamurensis* Weissinger 1987, *antakyensis* Perälä 1996, *floweri* Bodenheimer 1935, *nikolskii* Chkhikvadze and Tuniyev 1986, *pallasi* Chkhikvadze and Bakradze 2002, and *perses* Perälä 2002c. The relationships within this species complex remain uncertain and we expect its taxonomy to continue fluctuating.
74. *Testudo kleinmanni*: Baha el Din (2006), Siroky and Fritz (2007), and Attum et al. (2007) explicitly refuted the validity of *werneri* Perälä 2001 as a species distinct from *kleinmanni*.
75. *Testudo marginata*: Fritz et al. (2005b) explicitly refuted the validity of *weissingeri* Bour 1996 as a subspecies of *marginata*.
76. *Testudo hermanni*: Fritz et al. (2006b) explicitly refuted the validity of *hercegovinensis* Werner 1899 (previously resurrected by Perälä, 2002b) and recommended that *boettgeri* be considered a subspecies of *hermanni*.
77. *Testudo horsfieldii*: In a conference proceedings, Perälä (2002a) elevated two subspecies of *horsfieldii* (*kazachstanica* and *rustamovi*) to full species status. This was accepted by Lapparent de Broin et al. (2006), but warrants reconsideration, especially considering the evidence for unjustified taxonomic inflation in related tortoises in the same work (van der Kuyl et al., 2002, 2005; Fritz et al., 2005b, 2006b; Parham et al., 2006b,c).
78. *Carettochelys insculpta canni*: This subspecies from northern Australia described by Wells (2002a) was only weakly defined as different from the nominotypical subspecies from New Guinea. We list it tentatively pending further analysis, as did Fritz and Havas (2006), although they excluded it from their 2007 checklist.
79. *Apalone spinifera atra*: This taxon has usually been designated a subspecies of *spinifera* (usually with the original spelling *ater*), but others (e.g., Flores-Villela, 1993; David, 1994) have listed it as a full species, though usually without specific argumentation.
80. *Aspideretes* or *Nilssonia*: Engstrom et al. (2004) found *Aspideretes* to be paraphyletic with respect to *Nilssonia formosa* based on morphologic and genetic criteria. Praschag et al. (2007a) formally synonymized *Aspideretes* into an expanded concept of *Nilssonia* based on their analysis of mtDNA of all five included taxa.
81. *Aspideretes* or *Nilssonia nigricans*: Recent morphologic and genetic work on this species previously known only from a single captive population has demonstrated that it also occurs in the wild (Praschag and Gemel, 2002; Praschag et al., 2007a).
82. *Pelodiscus*: The genus has recently been recognized as including up to four separate species by some authorities (David, 1994; Zhao, 1997; Chen et al., 2005, 2006; Fritz and Havas, 2006, 2007). Relationships within the genus are far from resolved and also complicated by translocation and mixing of huge numbers of farm-raised individuals from many parts of the range.
83. *Rafetus swinhoei*: Includes the recently described *Pelochelys taihuensis* Zhang 1984 (Farkas, 1992) and *Rafetus leloii* Duc 2000 in synonymy (Farkas and Webb, 2003).
84. *Acanthochelys macrocephala*: Includes the recently described *Phrynops chacoensis* Fritz and Pauler 1992 in synonymy (Fritz and Pauler, 1999).
85. *Chelodina*: This genus was split into three genera by Wells and Wellington (1985), using *Chelodina* for the narrower-headed shorter-necked species (*longicollis*, *novaeguineae*), and establishing *Macrochelodina* for the broader-headed longer-necked species (*oblonga*, *expansa*, *rugosa*, *siebenrocki*), and *Hesperochelodina* for *steindachneri*. Iverson et al. (2001b) refuted the availability of the name *Hesperochelodina*, but validated *Macrochelodina*. Georges et al. (2002) retained *Chelodina* for the entire genus, but identified three phylogenetic clades within the genus and recommended recognition of three subgenera (but did not name them). Fritz and Havas (2006, 2007) accepted two of these clades (*Chelodina* and *Macrochelodina*) as separate genera.
86. *Chelodina canni*: This taxon is the same as the previously described *rankini* Wells and Wellington 1985, but that name was declared invalid as a *nomen nudum* by Iverson et al. (2001b). Wells (2007a) recently disputed this interpretation and redescribed *rankini*, but *canni* McCord and Thomson 2002 retains nomenclatural precedence and *rankini* Wells 2007a is therefore a junior synonym of *canni*.
87. *Chelodina mccordi roteensis*: This recently named subspecies described in the hobbyist literature needs genetic confirmation of its distinctiveness, but we recognize it pending further analysis.
88. *Chelodina oblonga*: Thomson (2000) showed that the holotype of *oblonga* Gray 1841 is a specimen of what is currently regarded as *Chelodina rugosa* Ogilby 1890. An application is before the International Commission for Zoological Nomenclature (ICZN) to conserve current usage of the name *C. rugosa* Ogilby 1890 for the northern snake-necked turtle and to apply the earlier available name *Chelodina collei* Gray 1856a to the long-necked species of southwestern Australia, while retaining the nomenclatural availability of the name

oblonga for potential future designation of distinct populations of *rugosa* (Thomson, 2006). Though no decision has yet been rendered by the ICZN, Fritz and Havas (2006, 2007) used the name *colliei* for this southwestern population. Georges et al. (2002) found support that this taxon represents a third subgenus under *Chelodina*, but did not formally establish it under a generic-level name.

89. *Chelodina timorensis*: This species recently described in the hobbyist literature by McCord et al. (2007b) was also described a few months later as a new subspecies of *mccordi* (‘*timorlestensis*’) by Kuchling et al. (2007), but the McCord et al. description has chronologic precedence. Concerns surrounding the history and methodology of the description of *timorensis* by McCord et al. are discussed by Kuchling et al. (2007) and serve to emphasize our recommendations (made in our other chapter in this volume) to follow certain procedural guidelines for descriptions of new taxa (Turtle Taxonomy Working Group, 2007).
90. *Chelodina kuchlingi*: This species was described from a single specimen, leading to doubts about its validity (Georges and Thomson, 2006; Fritz and Havas, 2006, 2007), but it remains listed pending further exploration of its remote area of provenance.
91. *Chelodina rugosa*: The species *siebenrocki* Werner 1901 was considered valid by Rhodin and Mittermeier (1976) and Rhodin and Genorupa (2000), but synonymized under *rugosa* by Georges et al. (2002) based on weakly differentiated allozymes within the broader *rugosa* complex.
92. *Elseya*: This genus has been recognized as consisting of two separate lineages (Georges and Rose, 1996; Georges and Thomson, 2006). It was subsequently split into two genera, *Elseya* and *Wollumbinia*, by Wells (2007c), with *latisternum* designated genotype of *Wollumbinia*. Papers by Wells (2002a,b; 2007a,b,c) and Wells and Wellington (1985) have been self-published without any peer review and also highlight our recommendations to follow certain procedural guidelines for descriptions of new taxa (Turtle Taxonomy Working Group, 2007).
93. *Elseya branderhorsti*: This species was considered valid by Rhodin and Genorupa (2000), Thomson et al. (2006), and Georges and Thomson (2006).
94. *Elseya jukesi*: The name *jukesi* Wells 2002b was a *nomen nudum* since no type specimen was designated, but the species was recently redescribed by Wells (2007b).
95. *Elseya schultzei*: This species was listed by Thomson et al. (2006) and Georges and Thomson (2006), but neither morphologic nor genetic data have been analyzed from the type population and its status remains unclear.
96. *Elseya stirlingi*: The previously named taxon *stirlingi* Wells and Wellington 1985 was declared invalid as a *nomen nudum* by Iverson et al. (2001b) (though spelled erroneously as *sterlingi*), but was recently redescribed as a valid species by Wells (2007b).
97. *Elseya* or *Wollumbinia bellii*: The taxon *dorriani* Wells 2002b is a *nomen nudum* without a type designation, but was recently considered a valid subspecies of *bellii* by Wells (2007c).
98. *Emydura macquarii*: The taxonomy of *E. macquarii* was previously reviewed by Georges and Adams (1996). Later, Cann et al. (2003) and McCord et al. (2003) described two new subspecies, but taxa previously described by Cann in 1998 (*binjing*, *dharra*, *dharuk*, and *gunabarra)*, plus *signata* Ahl 1932 were not specifically evaluated by those authors. However, these taxa were all recognized as subspecies of *macquarii* by Fritz and Havas (2006, 2007), and since phylogeographic variation in the *macquarii* species complex has not yet been fully resolved with adequate genetic work, we tentatively list all these subspecies as valid, pending further analysis.
99. *Emydura subglobosa worrelli*: Originally described as *Tropicochelymys worrelli*, this taxon was synonymized under *Emydura victoriae* Gray 1842 by Iverson (1992) and the nomenclatural validity of the species name confirmed by Iverson et al. (2001b). Cann (1998) considered it a distinct species, but Georges and Thomson (2006), partially based on electrophoretic work by Georges and Rose (1996), concluded that it was best referred to as a subspecies of *subglobosa* Krefft 1876. Fritz and Havas (2006, 2007) also listed it as a subspecies of *subglobosa*, but Georges et al. (2006) referred to it as a species, though without providing data or argument.
100. *Phrynops*: Wermuth and Mertens (1977) divided this genus into three subgenera: *Phrynops*, *Batrachemys*, and *Mesoclemmys*. Cabrera (1998) and Georges et al. (1998) elevated these subgenera to generic level. McCord et al. (2001) further divided the remaining monophyletic *Phrynops* into a total of four genera (*Bufocephala*, *Phrynops*, *Ranacephala*, and *Rhinemys*). Joyce et al. (2004) did not accept the taxonomic acts of McCord et al. (2001). Bour and Zaher (2005) synonymized *Bufocephala* and *Ranacephala* with *Mesoclemmys*, but recognized *Rhinemys* as distinct.
101. *Mesoclemmys heliostemma*: Rueda-Almonacid et al. (2007) questioned the validity of this taxon which is completely sympatric with *raniceps*, suggesting that it may simply represent a juvenile color morph of that taxon, and recommended genetic analysis.
102. *Pelomedusa subrufa*: Gasperetti et al. (1993) recommended that the two previously recognized subspecies (*nigra* Gray 1863b and *olivacea* Schweigger 1812) be abandoned.
103. *Pelusios seychellensis*: The taxonomic status of this species is unclear. Gerlach and Canning (2001) concluded that it is extinct.
104. Podocnemididae or Podocnemidae: Cope (1868) used the name Podocnemididae to refer to this clade. Baur (1893b) later referred to this group as Podocnemidae.

Joyce et al. (2004) phylogenetically defined Baur's name (Podocnemidae) to refer to this clade.

105. *Podocnemis unifilis*: This long-recognized species was briefly referred to as *P. cayennensis* Schweigger 1812 by David (1994), but that name was previously often used for what is now recognized as *P. erythrocephala* (Mittermeier and Wilson, 1974), and most authors have continued to use *unifilis*.

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LITERATURE CITED

ADLER, K. 2007. The development of systematic reviews of the turtles of the world. Vertebrate Zoology 57(2):139-148.

AGASSIZ, L. 1857. Contributions to the Natural History of the United States of America. First Monograph. Volume I. Part I. Essay on Classification. Part II. North American Testudinata. Boston: Little, Brown and Co., pp. 1-452.

AHL, E. 1932. Beschreibung einer neuen Schildkröte aus Australien. Sitzungsber. Ger. Naturforsch. Freunde Berlin 1932(1/3):127-129.

ANDERSON, J. 1875. Description of some new Asiatic mammals and Chelonia. Ann. Mag. Nat. Hist. (4)16:282-285.

ANDERSON, J. 1879. Anatomical and zoological researches: comprising an account of the zoological results of the two expeditions to western Yunnan in 1868 and 1875. London: Vol. I, 985 pp., Vol. II, plates.

ANNANDALE, N. 1913. The tortoises of Chota Nagpur. Records Indian Mus. 9(5):63-78.

ANNANDALE, N. 1918. Chelonia and Batrachia of the Inlé Lake. Rec. Indian Mus. 14:67-69.

ATTUM, O., BAHA EL DIN, S., CARRANZA, S., EARLEY, R., ARNOLD, E.N., AND KINGSBURY, B. 2007. An evaluation of the taxonomic validity of *Testudo werneri*. Amphibia-Reptilia 28(3):393-401.

AUSTIN, J.J., AND ARNOLD, E.N. 2001. Ancient mitochondrial DNA and morphology elucidate an extinct island radiation of Indian Ocean giant tortoises (*Cylindraspis*). Proceedings of the Royal Society of London 268B:2515-2523.

AUSTIN, J.J., ARNOLD, E.N., AND BOUR, R. 2003. Was there a second adaptive radiation of giant tortoises in the Indian Ocean? Using mitochondrial DNA to investigate speciation and biogeography of *Aldabrachelys* (Reptilia, Testudinidae). Molecular Ecology 12:1415-1424.

BAHA EL DIN, S. 2006. A guide to the amphibians and reptiles of Egypt. Cairo: The American University in Cairo Press, pp. 359.

BAIRD, S.F. AND GIRARD, C. 1852. Descriptions of new species of reptiles collected by the U.S. exploring expedition under the command of Capt. Charles Wilkes, U.S.N. Proceedings of the Acadademy of Natural Sciences, Philadelphia 1852:174-177.

BARBOUR, T. AND CARR, A.F., JR. 1938. Another Bahamian freshwater tortoise. Proc. New Engl. Zool. Club 17:75-76.

BARBOUR, T. AND CARR, A.F., JR. 1940. Antillean terrapins. Memoirs of the Museum of Comparative Zoology 54(5):381-415.

BARTH, D., BERNHARD, D., GUICKING, D., STÖCK, M., AND FRITZ, U. 2003. Is *Chinemys megalocephala* Fang, 1934 a valid species? New insights based on mitochondrial DNA sequence data. Salamandra 38(2002)[2003]:233–244.

BARTH, D., BERNHARD, D., FRITZSCH, G., AND FRITZ, U. 2004. The freshwater turtle genus *Mauremys* (Testudines, Geoemydidae) – a textbook example of an east–west disjunction or a taxonomic misconcept? Zoologica Scripta 33:213–221.

BAUR, G. 1889. The gigantic land tortoises of the Galapagos Islands. American Naturalist 23(276):1039-1057.

BAUR, G. 1890. Two new species of tortoises from the south. Science 16:262-263.

BAUR, G. 1893a. Notes on classification and taxonomy of the Testudinata. Proceedings of the American Philosophical Society 31:210-225.

BAUR, G. 1893b. Notes on the classification of the Cryptodira. American Naturalist 27:672–674.

BAUR, G. 1893c. Two new species of North American Testudinata. American Naturalist 27:675-677.

BAUR, G. 1925. [*Kinosternon abaxillare*]. In: Stejneger, L. New species and subspecies of American turtles. Journal of the Washington Academy of Science 15:462-463.

BELL, T. 1825. A monograph of the tortoises having a moveable sternum, with remarks on their arrangement and affinities. Zool Jour. 2:299-310.

BELL, T. 1827. On two new genera of land tortoises. Trans. Linn. Soc. London 15:392-401.

BELL, T. 1828. Descriptions of three new species of land tortoises. Zool. Journ. London 3:419-421.

BERRY, J.F. AND IVERSON, J.B. 1980. A new species of mud turtle, genus *Kinosternon*, from Oaxaca, Mexico. Journal of Herpetology 14(4):313-320.

BERRY, J.F. AND LEGLER, J.M. 1980. A new turtle (genus *Kinosternon*) from northwestern Mexico. Contrib. Sci. Nat. Hist. Mus. Los Ang. County 325:1-12.

BERRY, J.F., SEIDEL, M.E., AND IVERSON, J.B. 1996. [*Kinosternon chimalhuaca*]. In: Rogner, M. Schildkröten 2. Hürtgenwald: Heidi-Rogner-Verlag, pp. 23-24.

BERRY, J.F., SEIDEL, M.E., AND IVERSON, J.B. 1997. A new species of mud turtle (genus *Kinosternon*) from Jalisco and Colima, Mexico, with notes on its natural history. Chelonian Conservation and Biology 2(3):329-337.

BICKHAM, J.W., LAMB, T., MINX, P., AND PATTON, J.C. 1996. Molecular systematics of the genus *Clemmys* and the intergeneric relationships of emydid turtles. Herpetologica 52:89–97.

BLANCK, T., MCCORD, W.P., AND LE, M. 2006. On the variability of *Cuora trifasciata* (Bell, 1825); the rediscovery of the type specimen, with descriptions of a new *Cuora* species and subspecies, and remarks on the distribution, habitat and vulnerability of these species (Reptilia: Testudines: Geoemydidae). Frankfurt: Chimaira, pp. 153.

BLYTH, E. 1853. Notices and descriptions of various reptiles, new or little known. J. Asiatic Soc. Bengal 22:639-655.

BLYTH, E. 1856. Notabilia contained in the collections presented by Capt. Berdmore and Mr. Theobald. J. Asiatic Soc. Bengal Calcutta 24:713-723.

BLYTH, E. 1863. A collection of sundries from different parts of Burma. Report on the collections presented by Capt. Berdmore and Mr. Theobald. J. Asiatic Soc. Bengal 32:78-90.

BOCOURT, M.-F. 1868. Description de quelques cheloniens nouveaux appartenant a la faune Mexicaine. Ann. Sci. Nat. Zool. Paris (5)10:121-122.

BODDAERT, P. 1770. Brief van de kraakbeenige schildpad. Epistola de testudine cartilaginea. Amsterdam: Kornelis van Tongerlo, 39 pp.

BODENHEIMER, F.S. 1935. Animal Life in Palestine. Jerusalem, 235 pp.

Bogert, C.M. 1943. A new box turtle from southeastern Sonora, Mexico. American Museum Novitates 1226:1-7.

Bonnaterre, P.-J. 1789. Tableau Encyclopédique et Méthodique des Trois Règnes de la Nature. Erpétologie. Paris: Panckoucke, Hôtel de Thou, 70 pp.

Boulenger, G.A. 1886. On the South-African tortoises allied to *Testudo geometrica*. Proc. Zool Soc. Lond. 1886:540-542.

Boulenger, G.A. 1888a. Description of a new land-tortoise from South Africa, from a specimen living in the Society's Gardens. Proceedings of the Zoological Society of London 1888:251.

Boulenger, G.A. 1888b. On the chelydoid chelonians of New Guinea. Ann. Mus. Civ. Stor. Nat. Genova (2)6:449-452.

Boulenger, G.A. 1889. Catalogue of the Chelonians, Rhynchocephalians, and Crocodiles in the British Museum (Natural History). London: Trustees of the Museum, 311 pp.

Boulenger, G.A. 1895. On the American box turtles. Ann. Mag. Nat. Hist. (6)15:330-331.

Boulenger, G.A. 1902. Descriptions of new batrachians and reptiles from northwestern Ecuador. Ann. Mag. Natur. Hist. (7)9:51-57.

Boulenger, G.A. 1903. Report on the batrachians and reptiles. In: Annandale, N. and H.C. Robinson. (Eds.). Fasciculi Malayensis, anthropological and zoological results of an expedition to Perek and the Siamese Malay States, 1901-1902. Zoology. Liverpool: Univ. Press., pp. 131-170.

Boulenger, G.A. 1906. Descriptions of new reptiles from Yunnan. Ann. Mag. Natur. Hist. (7)17:567-568.

Boulenger, G.A. 1907. A new tortoise from Travancore. J. Bombay Natur. Hist. Soc. 17:560-564.

Boulenger, G.A. 1921. Description of a new land tortoise from northern Persia. J. Bombay Nat. Hist. Soc. 27:251-252.

Bour, R. 1973. Contribution à la connaissance de *Phrynops nasutus* (Schweigger: 1812) et *Phrynops tuberculatus* (Luederwaldt: 1926). Description d'une nouvelle sous-espèce originaire du Paraguay, *Phrynops tuberculatus vanderhaegei* (Testudinata - Pleurodira - Chelidae). Bull. Soc. Zool. France 98(1):175-190.

Bour, R. 1978. Les tortues des Mascareignes; description d'une espèce nouvelle d'après un document (Mémoires de l'Académie) de 1737 dans lequel le crâne est figuré. C. R. Acad. Sci. Paris 287D:491-493.

Bour, R. 1982. Contribution à la connaisance des tortues terrestres des Seychelles: définition du genre endémiqueet description d'unde espéce nouvelle probablement originaire des îles grantiques et bord de l'extinction. Comptes Rendus de l'Académie des Sciences 295:117-122.

Bour, R. 1983. Trois populations endemiques du genre *Pelusios* (Reptilia, Chelonii, Pelomedusidae) aux iles Seychelles; relations avec les especes africaines et malgaches. Bull. Mus. Nat. Hist. Nat. Paris (4)5A:343-382.

Bour, R. 1984. Note sur *Pelusios williamsi* Laurent, 1965 (Chelonii, Pelomedusinae). Rev. Fr. Aquariol. 11:27-32.

Bour, R. 1986. Note sur *Pelusios adansonii* (Schweigger, 1812) et sur une nouvelle espèce affine du Kenya (Chelonii, Pelomedusidae). Stud. Palaeocheloniol. 2:23-54.

Bour, R. 1996. Une nouvelle espèce de tortue terrestre dans le Péloponnèse (Grèce). Dumerilia 2(1995)[1996]:23-54.

Bour, R. 2000. Une nouvelle espèce de *Pelusios* du Gabon (Reptilia, Chelonii, Pelomedusidae). Manouria 3(8):1-32.

Bour, R. 2006. Identity of *Testudo gigantea* Schweigger, 1812 and rediscovery of the type specimen. Emys 13:12-23.

Bour, R. and Dubois, A. 1986. Nomenclature ordinale et familiale des tortues (Reptilia). Bulletin Mensuel de la Société Linnéenne de Lyon 55:87-90.

Bour, R. and Maran, J. 1998. Taxinomie de *Mauremys leprosa* (Schweigger, 1812) dans le sud du Maroc: la "tortue aux yeux bleus" (Reptilia, Chelonii, Geoemydidae). Manouria 1(2):22-52.

Bour, R. and Maran, J. 2003. Une nouvelle espèce de *Pelusios* de Côte d'Ivoire (Reptilia, Chelonii, Pelomedusidae). Manouria 6(21):24-43.

Bour, R., and Zaher, H. 2005. A new species of *Mesoclemmys*, from the open formations of northeastern Brazil (Chelonii, Chelidae). Papeis Avulsos de Zoologica 45:295–311.

Bourret, R. 1939a. Notes herpetologiques sur l'Indochine française. XVI. Tortues de la collection du Laboratoire des Sciences Naturelles de l'Universite. Description d'une especе nouvelle. Annexe Bull. Gen. Instr. Publ. 1939:1-34.

Bourret, R. 1939b. Notes herpetologiques sur l'Indochine française. XVIII. Reptiles et batraciens recus au Laboratoire des Sciences Naturelles de l'Université au cours de l'année 1939. Descriptions de quatre espéces et d'une variété nouvelles. Annexe Bull. Gen. Instr. Publ. 1939:1-40.

Bowen, B.W., Meylan, A.B., Ross, J.P., Limpus, C.J., Balazs, G.H., and Avise, J.C. 1992. Global population structure and natural history of the green turtle (*Chelonia mydas*) in terms of matriarchal phylogeny. Evolution 46:865-881.

Boycott, R.C., and Bourquin, O. 2000. The Southern African Tortoise Book. A Guide to Southern African Tortoises, Terrapins and Turtles. Revised expanded edition. Pietermaritzburg: Interpak, 228 pp.

Branch, W.R. 1989. *Homopus bergeri*, nama or Berger's padloper (English), Bergerse skilpad (Afrikaans). In: Swingland, I.R. and Klemens, M.W. (Eds.). The Conservation Biology of Tortoises. Occasional Papers of the IUCN Species Survival Commission No. 5, pp. 75-77.

Branch, W.R. 1992. *Homopus 'bergeri'* - a wrong name for a new tortoise from southern Namibia. Journal of the Herpetological Association of Africa 40:11.

Branch, W.R. 2007. A new species of tortoise of the genus *Homopus* (Chelonia: Testudinidae) from southern Namibia. African Journal of Herpetology 56:1-21.

Brandt, J.F. 1857. Observationes quadam ad generis Trionychum species duas novas spectantes. Bull. Acad. Imper. Sci. St. Petersbourg Cl. Phys.-Mathemat. 16:110-111

Broadley, D.G. 1981. A review of the genus *Pelusios* Wagler in southern Africa (Pleurodira: Pelomedusidae). Occas. Pap. Nat. Mus. Rhodesia B. Nat. Sci. 6(9):633-686.

Broadley, D.G. 1989. *Geochelone pardalis*, leopard tortoise (English), bergskilpad (Afrikaans). In: Swingland, I.R. and Klemens, M.W. (Eds.). The Conservation Biology of Tortoises. Occasional Papers of the IUCN Species Survival Commission No. 5, pp. 43-46.

Broadley, D.G. 1993. A review of the southern African species of Kinixys Bell (Reptilia, Testudinidae). Annals of the Transvaal Museum 36(6):41-52.

Brophy, T.R. 2004. Geographic variation and systematics in the south-east Asian turtles of the genus *Malayemys* (Testudines: Bataguridae). Hamadryad 29:63-79.

Burke, R.L., Leuteritz, T.E., and Wolf, A.E. 1996. Phylogenetic relationships of emydine turtles. Herpetologica 52:572-584.

Cabrera, M.R. 1998. Las Tortugas Continentales de Sudamerica Austral. Córdoba: BR Copias, pp. 108.

Cabrera, M.R., and Colantonio, S.E. 1997. Taxonomic revision of the South American subspecies of the turtle *Kinosternon scorpioide*s. Journal of Herpetology 31: 507-513.

Caccone, A., Gibbs, J.P., Ketmaier, V., Suatoni, E., and Powell, J.R. 1999. Origin and evolutionary relationships of giant Galápagos tortoises. Proc. Natl. Acad. Sci. USA 96:13223-13228.

Caccone, A., Gentile, G., Gibbs, J.P., Fritts, T.H., Snell, H.L., and Powell, J.R. 2002. Phylogeography and history of giant Galápagos

tortoises. Evolution 56:2052-2066.

CAGLE, F.R. 1953. Two new subspecies of *Graptemys pseudogeographica*. Occasional Papers of the Museum of Zoology of the University of Michigan 546:1-17.

CAGLE, F.R. 1954. Two new species of the genus *Graptemys*. Tulane Studies in Zoology 1:167-186.

CANN, J. 1997a. Georges short-necked turtle. Monitor (J. Victorian Herp. Soc.) 9(1):18-23, 31-32.

CANN, J. 1997b. The northern yellow-faced turtle. Monitor (J. Victorian Herp. Soc.) 9(1):24-35.

CANN, J. 1997c. Irwin's turtle. Monitor (J. Victorian Herp. Soc.) 9(1):36-40, 31-32.

CANN, J. 1997d. Kuchlings turtle. Monitor (J. Victorian Herp. Soc.) 9(1):41-44, 32.

CANN, J. 1998. Australian Freshwater Turtles. Singapore: Beaumont Publ., 292 pp.

CANN, J. AND LEGLER, J.M. 1994. The Mary River tortoise: a new genus and species of short-necked chelid from Queensland, Australia (Testudines; Pleurodira). Chelonian Conservation and Biology 1(2):81-96.

CANN, J., MCCORD, W.P., AND JOSEPH-OUNI, M. 2003. Emmott's short-neck turtle, *Emydura macquarii emmotti* ssp. nov. In: McCord, W.P., Cann, J., and Joseph-Ouni, M. A taxonomic assessment of *Emydura* (Testudines: Chelidae) with descriptions of new subspecies from Queensland, Australia. Reptilia (GB) (Barcelona) 27:60-61.

CANTOR, T. 1842. General features of Chusan, with remarks on the flora and fauna of that island. Ann. Mag. Nat. Hist. (1)9:265-278,361-370,481-493.

CARR, A.F., JR. 1937. A new turtle from Florida, with notes on *Pseudemys floridana mobiliensis* (Holbrook). Occasional Papers of the Museum of Zoology of the University of Michigan 348:1-7.

CARR, A.F., JR. 1938a. *Pseudemys nelsoni*, a new turtle from Florida. Occasional Papers of the Boston Society of Natural History 8:305-310.

CARR, A.F., JR. 1938b. A new subspecies of *Pseudemys floridana* with notes on the *floridana* complex. Copeia 1938(3):105-109.

CARR, A.F., JR. 1942. A new *Pseudemys* from Sonora, Mexico. American Museum Novitates 1181:1-4.

CARR, A.F., JR. AND MARCHAND, L.J. 1942. A new turtle from the Chipola River, Florida. Proceedings of the New England Zoology Club 20:95-100.

CARRETERO, M.A., ZNARI, M., HARRIS, D.J., AND MACÉ, J.C. 2005. Morphological divergence among populations of *Testudo graeca* from west-central Morocco. Animal Biology 55:259-279.

CHEN, H.G., LIU, W.B., AND ZHANG, X.J. 2005. Comparative analysis of mitochondrial DNA 12S rRNA region between *Pelodiscus sinensis* and *Pelodiscus axenaria* and their molecular marker for identification. J. Fisheries China 29:318-322.

CHEN, H.G., LIU, W.B., LI, J.Z., AND ZHANG, X.J. 2006. Comparative analysis of mitochondrial DNA cytb gene and their molecular identification markers in three species of soft-turtles. Shuisheng Shengwu Xuebao 30:380-385.

CHIARI, Y., THOMAS, M., PEDRONO, M., AND VIEITES, D.R. 2005. Preliminary data on genetic differentiation within the Madagascar spider tortoise, *Pyxis arachnoides* (Bell, 1827). Salamandra 41:35-43.

CHKHIKVADZE, V.M. 1988. O sistematicheskom polozhenii sobremennykh sukhoputnykh cherepakh srednei Azii i Kazakhstana. [Taxonomic status of modern land tortoise of Middle Asia and Kazakhstan.] Acad. Sci. Georgian SSR 14(2):110-114.

CHKHIKVADZE, V.M. AND BAKRADZE, M.A. 1991. [On the systematic position of the Recent land turtle from the Araxes Valley.] Trudy Tbilissk. Gosudarstwen. Univ. Tbilisi 305:59-63.

CHKHIKVADZE, V.M. AND BAKRADZE, M.A. 2002. Novyi podvid sukhoputnoi cherepakhi iz Dagestana. Trudy Inst. Zool. Akad. Nauk Gruzii 21:276-279.

CHKHIKVADZE, V.M. AND TUNIYEV, B.S. 1986. [On the taxonomic status of modern land tortoise of the western Transcaucasus.] Bull. Acad. Sci. Georg. SSR (Soobshch. Akad. Nauk Gruz. SSR) 124(3):617-620.

CHKHIKVADZE, V.M., AMIRANASHVILI, N.G., AND ATAEV, C.A. 1990. Noviy podvid sukhoputnoi cherepakhi iz yugo-zapadnovo Turkmenistana. [A new subspecies of tortoise from southwestern Turkmenistan.] Izv. Akad. Nauk. Turkm. SSR Ser. Biol. Nauk 1:72-75.

CONANT, R. AND GOIN, C.J. 1948. A new subspecies of soft-shelled turtle from the central United States, with comments on the application of the name *Amyda*. Occ. Pap. Mus. Zool. U. Mich. 510:1-19.

COOPER, J.G. 1863. Description of *Xerobates agassizii*. Proc. Calif. Acad. Sci. San Francisco 2:118-123.

COPE, E.D. 1865. Third contribution to the herpetology of tropical America. Proc. Acad. Nat. Sci. Philad. 17:185-198.

COPE, E.D. 1868. On the origin of genera. Proceedings of the Academy of Natural Sciences of Philadelphia 1868:242–300.

COPE, E.D. 1870. Seventh contribution to the herpetology of tropical America. Proc. Amer. Philosoph. Soc. 11(1869)[1870]:147-169.

COPE, E.D. 1876. On the Batrachia and Reptilia of Costa Rica with notes on the herpetology and ichthyology of Nicaragua and Peru. J. Acad. Nat. Sci. Philadelphia (2)8(4)1875[1876]:93-154.

COPE, E.D. 1887. Catalogue of Batrachia and Reptilia of Central America and Mexico. Bull. U.S. Nat. Mus. 32:1-98.

CORNALIA, E. 1849. Vertebratorum Synopsis in Museo Mediolanense Extantium. Modoetia: Corbetta, 16 pp.

CUNHA, O.R. DA. 1970. Uma nova subespécie de quelônio, *Kinosternon scorpioides carajasensis* da Serra dos Carajás, Pará. Bol. Mus. Paraense Emilio Goeldi (73):1-11.

CUVIER, G.L.C.F.D. 1825. Recherches sur les ossemens fossiles, òu l'on rétablit les caratères de plusieurs animaux dont les révolutions du globe ont détruit les espècies. 2nd ed. G. Dufour and E. D'Ocagne, Libraires, Paris 5(2):1-547.

DAS, I. 2001. Die Schildkröten des Indischen Subkontinents. Frankfurt am Main: Chimaira, pp. 181.

DAUDIN, F.M. 1801. Histoire Naturelle, Generale et Particuliere, des Reptiles. Tome Second. Paris: Dufart, pp.432.

DAVID, P. 1994. Liste des reptiles actuels du monde. I. Chelonii. Dumérilia 1:7–127.

DEL BARCO, D.M., AND LARRIERA, A. 1993. Sobre la validez de las subespecies de *Trachemys dorbignyi* y su distribución geographica. Revista Asoc. Cienc. Nat. Litoral 22(2)[1991]:11-17.

DE SOLA, C.R. 1930. The *Liebespiel* of *Testudo vandenburghi*, a new name for the Mid-Albemarle Island Galapagos tortoise. Copeia 1930(3):79-80.

DERANIYAGALA, P.E.P. 1939. The Tetrapod Reptiles of Ceylon. Volume 1. Testudinates and Crocodilians. London: Dulau Co., 412 pp.

DEVAUX, B. 2007. La tortue géante de Seychelles, une survivante: *Dipsochelys elephantina* (Duméril et Bibron, 1835). Chelonii 5:1-120.

DIESMOS, A.C., PARHAM, J.F., STUART, B.L., AND BROWN, R. 2005. The phylogenetic position of the recently rediscovered Philippine forest turtle (Bataguridae: *Heosemys leytensis*). Proceedings of the California Academy of Sciences 56:31-41.

DUC, H.D. 2000. [Turtles in Hoan Kiem Lake, new species for science.] Khao co Hoc [Archaeology Magazine], Vietnam 4:104-111.

DUERDEN, J.E. 1906. South African tortoises of the genus *Homopus*, with description of a new species. Rec. Albany Mus. 1:405-411.

DUMÉRIL, A.H.A. 1852. Description des reptiles nouveaux ou imparfaitment connus de la collection du Museum d'Histoire Naturelle et remarques sur la classification et les caracteres des reptiles. Premiere Memoire. Ordre des cheloniens et premieres

familles de l'ordre des sauriens (crocodiliens et cameleoniens). Arch. Mus. Hist. Nat. Paris 6:209-264.

Duméril, A.H.A. 1856. Note sur les reptiles du Gabon. Revue Magasin Zool. Pure Appliquée Paris (2)8:369-384.

Duméril, A.M.C. and Bibron, G. 1835. Erpétologie Générale ou Histoire Naturelle des Reptiles. Tome Second. Paris: Roret, 680 pp.

Duméril, A.M.C. and Bibron, G. 1851. [*Emys areolata, Cinosternon leucostomum, Cinosternon cruentatum*]. In: Duméril, A.M.C. and Duméril, A.H.A. Catalogue Methodique de la Collection des Reptiles (Museum d'Histoire Naturelle de Paris). Paris: Gide and Baudry, 224 pp.

Duméril, A.H.A. and Bocourt, M.F. 1870. Observations sur les reptiles et les batraciens de la Region Centrale de l'Amerique. In: Dumeril, A., M. Bocourt, and F. Mocquard. Mission Scientifique au Mexique et dans l'Amerique Centrale. Recherches zoologiques. Troisieme Partie. Premiere Section. Etudes sur les reptiles, pp.1-32.

Dunn, E.R. 1930. A new *Geoemyda* from Costa Rica. Proc. New Engl. Zool. Club 12:31-34.

Eichwald, C.E. von. 1831. Zoologia specialis quam expositis animalibus. Pars posterior. Vilna: J. Zawadzki, 404 pp.

Engstrom, T.N., Shaffer, H.B., and McCord, W.P. 2004. Multiple data sets, high homoplasy, and the phylogeny of softshell turtles (Testudines: Trionychidae). Systematic Biology 53:693-710.

Ernst, C.H. 1978. A revision of the neotropical turtle genus *Callopsis* (Testudines: Emydidae: Batagurinae). Herpetologica 34(2):113-134.

Ernst, C.H. 1984. Geographic variation in the neotropical turtle, *Platemys platycephala*. Journal of Herpetology 17(4)(1983)[1984]:345-355.

Ernst, C.H. 1988. *Cuora mccordi*, a new Chinese box turtle from Guangxi Province. Proc. Biol. Soc. Wash. 101:466-470.

Ernst, C.H. 1990. *Pseudemys gorzugi*. Catalogue of American Amphibians and Reptiles 461:1-2.

Ernst, C.H. and Barbour, R.W. 1989. Turtles of the World. Washington, DC: Smithsonian Institution Press, 313 pp.

Ernst, C.H., and Laemmerzahl, A. 2002. Geographic variation in the Asian big-headed turtle *Platysternon megacephalum* (Reptilia: Testudines: Platysternidae). Proceedings of the Biological Society of Washington 115:18-24.

Ernst, C.H. and Lovich, J.E. 1990. A new species of *Cuora* (Reptilia: Testudines: Emydidae) from the Ryukyu Islands. Proc. Biol. Soc. Wash. 103:26-34.

Ernst, C.H. and McCord, W.P. 1987. Two new turtles from south-east Asia. Proc. Biol. Soc. Wash. 100:624-628.

Ernst, C.H., Laemmerzahl, A.F., and Creque, T.R. 2006. A review of morphological and pattern variation in the painted turtle, *Chrysemys picta*, in Missouri, USA, with an alternate hypothesis of the origin of *Chrysemys picta marginata*. Herpetological Bulletin 95:6-15.

Eschscholtz, J.F. von. 1829. Zoologischer Atlas, enthaltend Abbildungen und Beschreibungen neuer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf Russich-Kaiserlich Kreigsschupp Predpriaetë in den Jahren 1823-1826. Berlin: G. Reimer, Part I, pp.17+15.

Fan, T.H. 1931. Preliminary report of reptiles from Yaoshan, Kwangsi, China. Bull. Dept. Biol. Coll. Sci. Sun Yatsen Univ. 11.1-154.

Fang, P.W. 1934. Notes on some chelonians of China. Sinensia 4(7):145-200.

Farkas, B.L. 1992. Wiederentdeckung eines Exemplars von *Rafetus swinhoei* (Gray, 1873) im Naturhistorischen Museum Wien. Salamandra 28(2):145-152.

Farkas, B. and Webb, R.G. 2003. *Rafetus leloii* Ha Dinh Duc, 2000 - an invalid species of softshell turtle from Hoan Kiem Lake, Hanoi, Vietnam (Reptilia, Testudines, Trionychidae). Zoologische Abhandlungen (Dresden) 53:107-112.

Feldman, C.R., and Parham, J.F. 2002. A molecular phylogeny for emydine turtles: taxonomic revision and the evolution of shell kinesis. Molecular Phylogenetics and Evolution 22:388–398.

Feldman, C.R., and Parham, J.F. 2004. Molecular systematics of Old World stripe-necked turtles (Testudines: *Mauremys*). Asiatic Herpetological Research 10:28–37.

Fernández, M.S. 1988. Las Testudinidae (Reptilia: Chelonii) argentinas: osteología, sistemática y distribución geográfica. Doctoral Thesis, Univ. Nac. de La Plata.

Fitzinger, L.J. 1826. Neue Classification der Reptilien, nach ihren Natürlichen Verwandtschaften nebst einer Verwandtschafts-Tafel und einem Verzeichnisse der Reptilien-Sammlung des k.k. Zoologischen Museum zu Wien. Wien: J.G. Hübner Verlagen., 66 pp.

Fitzinger, L.J. 1835. Entwurf einer systematischen Anordnung der Schildkröten nach den Grundsätzen der natürlichen Methode. Ann. Mus. Naturgesch. Wien 1:105-128.

FitzSimons, V.F.M. 1932. Preliminary descriptions of new forms of South African Reptilia and Amphibia, from the Vernay-Lang Kalahari Expedition, 1930. Ann. Transvaal Mus. Pretoria 15:35-40.

Flores-Villela, O.A. 1993. Herpetofauna Mexicana: lista anotada de las especies de anfibios y reptiles de Mexico, cambios taxonomicos recientes, y nuevas especies. Carnegie Mus. Nat. Hist. Spec. Publ. 17:1-73.

Folkerts, G.W. and Mount, R.H. 1969. A new subspecies of the turtle *Graptemys nigrinoda* Cagle. Copeia 1969(4):677-682.

Fong, J.J., Parham, J.F., and Fu, J. 2002. A reassessment of the distribution of *Cuora flavomarginata* Gray 1863 on mainland China. Russian Journal of Herpetology 9:9-14.

Forsskål, P. 1775. Descriptiones Animalium: Avium, Amphibiorum, Piscium, Insectorum, Vermium; quae in Itinere Orientali Observavit. Post mortem auctoris edidit Carsten Niebuhr. Hauniae [Copenhagen]: Mölleri, 164 pp.

Fowler, H.W. 1906. Some cold-blooded vertebrates of the Florida Keys. Proceedings of the Academy of Natural Sciences, Philadelphia 58:77-113.

Frazier, J. 2006. A neotype for the Aldabra tortoise, *Testudo gigantea* Schweigger, 1812. Herpetological Review 37:275-280.

Freiberg, M.A. 1936. Una nueva tortuga del norte Argentino. Physis 12:169-171.

Freiberg, M.A. 1945. Una nueva especie de tortuga del genero *Platemys* Wagler. Physis 20:19-23.

Freiberg, M.A. 1969. Una nueva subespecie de *Pseudemys dorbignyi* (Dumeril et Bibron) (Reptilia, Chelonia, Emydidae). Physis 28:299-314.

Freiberg, M.A. 1973. Dos nuevas tortugas terrestres de Argentina. Bol. Soc. Biol. Concepcion 46:81-93.

Fritz, U. 1989. Zur innerartlichen Variabilität von *Emys orbicularis* (Linnaeus, 1758). 1. Eine neue Unterart der Europäischen Sumpfschildkröte aus Kleinasien *Emys orbicularis luteofusca* subsp. nov. Salamandra 25(3/4):143-168.

Fritz, U. 1993. On the intraspecific variation of *Emys orbicularis* Linnaeus 1758. 3. Two new subspecies from the Iberian Penninsula and North Africa *Emys orbicularis fritzjuergenobsti* new subspecies and *Emys orbicularis occidentalis* new subspecies (Reptilia, Testudines, Emydidae). Zool. Abh. Mus. Tierk. Dresden 47(9-17):131-155.

Fritz, U. 1994. Zur innerartlichen Variabilität von *Emys orbicularis* (Linnaeus, 1758). 4. Variabilität und Zoogeographie im pontokaspischen Gebiet mit Beschreibung von drei neuen Unterarten (Reptilia: Testudines: Emydidae). Zool. Abh. Staatl. Mus. Tierk. Dresden 48(4):53-93.

Fritz, U. 1995. Zur innerartlichen Variabilität von *Emys orbicularis* (Linnaeus, 1758). 5a. Taxonomie in Mittel-Westeuropa, auf Korsika, Sardinien, der Apenninen-Halbinsel und Sizilien und

Unterartengrupppen von *E. orbicularis* (Reptilia: Testudines: Emydidae). Zool. Abh. Staatl. Mus. Tierk. Dresden 48(13):185-242.

FRITZ, U. 1998. Introduction to zoogeography and subspecific differentiation in *Emys orbicularis* (Linnaeus, 1758). In: Fritz, U., Joger, U., Podloucky, R., and Servan, J. (Eds.). Proceedings of the EMYS Symposium Dresden 96. Mertensiella 10:1-27.

FRITZ, U. AND BININDA-EMONDS, O.R.P. 2007. When genes meet nomenclature: tortoise phylogeny and the shifting generic concepts of *Testudo* and *Geochelone*. Zoology 110:298-307.

FRITZ, U., AND HAVAS, P. 2006. Checklist of Chelonians of the World, at the request of the CITES Nomenclature Committee and the German Agency for Nature Conservation. Dresden: German Federal Ministry of Environment, Nature Conservation and Nuclear Safety and Museum of Zoology, 230 pp.

FRITZ, U., AND HAVAS, P. 2007. Checklist of Chelonians of the World. Vertebrate Zoology 57(2):149-368.

FRITZ, U. AND OBST, F.J. 1996. Zur Kenntnis der Celebes-Erdschildkröte, *Heosemys yuwonoi* (McCord, Iverson and Boeadi, 1995). Herpetofauna 18(102):27-34.

FRITZ, U. AND PAULER, I. 1992. *Phrynops chacoensis* spec. nov. (Reptilia, Chelidae), eine neue Krötenkopfschildkröte. Mitt. Zool. Mus. Berl. 68(2):299-307.

FRITZ, U. AND PAULER, I. 1999. *Phrynops chacoensis* Fritz & Pauler, 1992, ein Juniorsynonym von *Platemys macrocephala* Rhodin, Mittermeier & McMorris, 1984. Salamandra 35(1):53-56.

FRITZ, U., KELLER, C., AND BUDDE, M. 1996. Eine neue Unterart der Europäischen Sumpfschildkröte aus Südwestspanien, *Emys orbicularis hispanica* subsp. nov. Salamandra 32(3):129-152.

FRITZ, U., GAULKE, M., AND LEHR, E. 1997. Revision der südostasiatischen Dornschildkröten-Gattung *Cyclemys* Bell, 1834, mit Beschreibung einer neuen Art. Salamandra 33(3):183-212.

FRITZ, U., ANDREAS, B., AND LEHR, E. 1998a. Eine neue Unterart der Dreikiel-Scharnierschildkröte, *Pyxidea mouhotii* (Gray, 1862) (Reptilia: Testudines: Bataguridae). Zoologische Abhandlungen, Staatliches Museum für Tierkunde Dresden 50(3):33-43.

FRITZ, U., BARAN, I., BUDAK, A., AND AMTHAUER, E. 1998b. Some notes on the morphology of *Emys orbicularis* in Anatolia, especially on *E. o. luteofusca* and *E. o. colchica*, with the description of a new subspecies from southeastern Turkey. In: Fritz, U., Joger, U., Podloucky, R., and Servan, J. (Eds.). Proceedings of the EMYS Symposium Dresden 96. Mertensiella 10:103-122.

FRITZ, U., FATTIZZO, T., GUICKING, D., TRIPEPI, S., PENNISI, M.G., LENK, P., JOGER, U., AND WINK, M. 2005a. A new cryptic species of pond turtle from southern Italy, the hottest spot in the range of the genus *Emys* (Reptilia, Testudines, Emydidae). Zoologica Scripta 34(4):351-371.

FRITZ, U., SIROKY, P., KAMI, H., AND WINK, M. 2005b. Environmentally caused dwarfism or a valid species—is *Testudo weissingeri* Bour, 1996 a distinct evolutionary lineage? New evidence from mitochondrial and nuclear genomic markers. Molecular Phylogenetics and Evolution 37:389-401.

FRITZ, U., BARATA, M., BUSACK, S.D., FRITZSCH, G., AND CASTILLO, R. 2006a. Impact of mountain chains, sea straits and peripheral populations on genetic and taxonomic structure of a freshwater turtle, *Mauremys leprosa* (Reptilia, Testudines, Geoemydidae). Zoologica Scripta 35:97-108.

FRITZ, U., AUER, M., BERTOLERO, A., CHEYLAN, M., FATTIZZO, T., HUNDSDÖRFER, A.K., SAMPAYO, M.M., PRETUS, J.L., SIROKY, P., AND WINK, M. 2006b. A rangewide phylogeography of Hermann's tortoise, *Testudo hermanni* (Reptilia: Testudines: Testudinidae): implications for taxonomy. Zoologica Scripta 35:531-543.

FRITZ, U., PETZOLD, A., AND AUER, M. 2006c. Osteology in the *Cuora galbinifrons* complex suggests conspecifity of *C. bourreti* and *C. galbinifrons*, with notes on shell osteology and phalangeal formulae within the Geoemydidae. Amphibia-Reptilia 27:195-205.

FRITZ, U., HUNDSDÖRFER, A.K., SIROKY, P., AUER, M., KAMI, H., LEHMANN, J., MAZANAEVA, L.F., TÜRKOZAN, O., AND WINK, M. 2007. Phenotypic plasticity leads to incongruence between morphology-based taxonomy and genetic differentiation in western Palearctic tortoises (*Testudo graeca* complex; Testudines, Testudinidae). Amphibia-Reptilia 28:97-121.

GAFFNEY, E.S., AND MEYLAN, P.A. 1988. A phylogeny of turtles. In: Benton, M.J. (Ed.). The Phylogeny and Classification of the Tetrapods, Vol. 1, Amphibians, Reptiles, Birds. Oxford: Clarendon Press, pp. 157–219.

GARMAN, S. 1880. On certain species of Chelonioidae. Bulletin of the Museum of Comparative Zoology 6:123-126.

GARMAN, S. 1891. On a tortoise found in Florida and Cuba, *Cinosternum Baurii*. Bull. Essex Inst. 23:141-144.

GARMAN, S. 1917. The Galapagos tortoises. Mem. Mus. Comp. Zool. 30(4):261-296.

GASPERETTI, J., STIMSON, A.F., MILLER, J.D., ROSS, J.P., AND GASPERETTI, P.R. 1993. Turtles of Arabia. Fauna of Saudi Arabia 13:170-367.

GEOFFROY SAINT-HILAIRE, E.F. 1809. Mémoire sur les tortues molles, nouveau genre sous le nom de *Trionyx*, et sur la formation des carapaces. Annal. Mus. Hist. Nat. Paris 14:1-20.

GEORGES, A., AND ADAMS, M. 1996. Electrophoretic delineation of species boundaries within the short-necked chelid turtles of Australia. Zoological Journal of the Linnean Society 118:241-260.

GEORGES, A., AND THOMSON, S. 2006. Evolution and zoogeography of Australian freshwater turtles. In: Merrick, J.R., Archer, M., Hickey, G.M., and Lee, M.S.Y. (Eds.). Evolution and Biogeography of Australasian Vertebrates. Sydney: Australian Scientific Publishing, pp. 291-308.

GEORGES, A., BIRRELL, J., SAINT, K., MCCORD, W.P., AND DONNELLAN, S. 1998. A phylogeny for side-necked turtles (Chelonia: Pleurodira) based on mitochondrial and nuclear gene sequence variation. Biological Journal of the Linnean Society 67:213-246.

GEORGES, A., ADAMS, M., AND MCCORD, W. 2002. Electrophoretic delineation of species boundaries within the genus *Chelodina* (Testudines: Chelidae) of Australia, New Guinea and Indonesia. Zoological Journal of the Linnean Society 134:401-421.

GEORGES, A., GUARINO, F., AND BITO, B. 2006. Freshwater turtles of the TransFly region of Papua New Guinea – notes on diversity, distribution, reproduction, harvest and trade. Wildlife Research 33:373-384.

GERLACH, J. 2001. Tortoise phylogeny and the *'Geochelone'* problem. Phelsuma 9a:1-24.

GERLACH, J. 2004. Giant Tortoises of the Indian Ocean. The genus *Dipsochelys* inhabiting the Seychelles Islands and the extinct giants of Madagascar and the Mascarenes. Frankfurt: Chimaira, 208 pp.

GERLACH, J., AND BOUR, R. 2003. Morphology of hatchling giant tortoises. Radiata 12:11-12.

GERLACH, J., AND CANNING, L. 1998. Taxonomy of Indian Ocean Giant tortoises (*Dipsochelys*). Chelonian Conservation and Biology 3:3-19.

GERLACH, J., AND CANNING, L. 2001. Range contractions in the critically endangered Seychelles terrapins (*Pelusios* spp.). Oryx 35:313-321.

GILMORE, C.W. 1922. A new fossil turtle, *Kinosternon arizonense*, from Arizona. Proc. U.S. Nat. Mus. 62:1-8.

GLASS, B.P. AND HARTWEG, N. 1951. *Kinosternon murrayi*, a new musk turtle of the *hirtipes* group from Texas. Copeia 1951(1):50-52.

GMELIN, S.G. 1774. Reise durch Russland zur Untersuchung der drey Natur-Reiche Gedruckt bey der Kayserliche Academie der Wissenschaften. Vol. 3. St. Pétersbourg, 4 Vols.

GMELIN, J.F. 1789. Caroli a Linné, Systema Naturae per regna tria naturae secundum classes, ordines, genera, species, cum

characteribus, differentiis, synonymis, locis. Ed. 13. Tom. I. Pars III. Leipzig: G.E. Beer, Ed. 13, 1(3):1033-1516.

GMIRA, S. 1993. Une nouvelle espéce de tortue Testudininei (*Testudo kenitrensis* n. sp.) de l'inter Amirien-Tensiftien de Kénitra (Maroc). Comptes Rendus de l'Académie des Sciences Série II 316:701–707.

GMIRA, S. 1995. Étude des Chéloniens Fossiles du Maroc. Paris: Cahier de Paléontologie, 140 pp.

GRANDIDIER, A. 1867. Liste des reptiles nouveaux decouverts, en 1866, sur la cote sud-ouest de Madagascar. Rev. Mag. Zool. (Paris) (2):19:223-234.

GRANDIDIER, A. 1868. Sur les découvertes zoologiques faites récemment à Madagascar. Ann. Sc. Nat. Zool. Paris 10:375-378.

GRAY, J.E. 1830. A synopsis of the species of the Class Reptilia. In: Griffith, E. and Pidgeon, E. (Eds.). A Classified Index and Synopsis of the Animal Kingdom Arranged in Conformity with its Organization, by the Baron Cuvier, with Supplementary Additions to each Order. Vol. 9. London: Whittaker, Suppl: 110 pp.

GRAY, J.E. 1831a. Illustrations of Indian Zoology, chiefly selected from the collection of Major-General Hardwicke. Vol. I. London: Treuttel, Wurtz, Treuttel, Jun. and Richter, pls.100.

GRAY, J.E. 1831b. Synopsis Reptilium; or Short Descriptions of the Species of Reptiles. Part I. – Cataphracta. Tortoises, Crocodiles, and Enaliosaurians. London: Treuttel, Wurz, and Co., 85 pp.

GRAY, J.E. 1831c. A specimen of a tortoise regarded as the type of a new genus in the family Emydidae. Proceedings of the Zoological Society of London 1831(1):106-107.

GRAY, J.E. 1832. Illustrations of Indian Zoology, chiefly selected from the collection of Major-General Hardwicke. Vol. II. London: Adolphus Richter and Co., pls. 102.

GRAY, J.E. 1834. Characters of several new species of freshwater tortoises (*Emys*) from India and China. Proceedings of the Zoological Society of London 1834:53-54.

GRAY, J.E. 1841. A catalogue of the species of reptiles and amphibia hitherto described as inhabiting Australia, with a description of some new species from Western Australia, and some remarks on their geographical distribution. In: Grey, G. Journals of Two Expeditions of Discovery in Northwest and Western Australia. London: T. and W. Boone, Vol. 2. Appendix E, pp. 422-449.

GRAY, J.E. 1842. Description of some hitherto unrecorded species of Australian reptiles and batrachians. Zoological Miscellany (2):51-57.

GRAY, J.E. 1844. Catalogue of the Tortoises, Crocodiles, and Amphisbaenians in the Collection of the British Museum. London: Edward Newman, 80 pp.

GRAY, J.E. 1847. Description of a new genus of Emydae. Proceedings of the Zoological Society of London (1847)15:55-56.

GRAY, J.E. 1849. Description of a new species of box tortoise from Mexico. Proceedings of the Zoological Society of London 17:16-17.

GRAY, J.E. 1856a. On some new species of freshwater tortoises from North America, Ceylon and Australia, in the collection of the British Museum. Proceedings of the Zoological Society of London 1855[1856](23):197-202.

GRAY, J.E. 1856b. Catalogue of Shield Reptiles in the Collection of the British Museum. Part I. Testudinata (Tortoises). London: British Museum, 79 pp.

GRAY, J.E. 1857. Description of a new species of *Chelodina* from Australia. Proceedings of the Zoological Society of London 1856[1857]:369-371.

GRAY, J.E. 1859. Description of a new species of freshwater tortoise from Siam. Proceedings of the Zoological Society of London 1859(27):478-479.

GRAY, J.E. 1860a. Description of a new species of *Geoclemmys* from Ecuador. Proceedings of the Zoological Society of London 1860:231-232.

GRAY, J.E. 1860b. On some new species of Mammalia and tortoises from Cambojia. Ann. Mag. Nat. Hist. London (3)6:217-218.

GRAY, J.E. 1861. On a new species of water-tortoise (*Geoclemmys melanosterna*) from Darien. Proceedings of the Zoological Society of London 1861:204-205.

GRAY, J.E. 1862. Notice of a new species of *Cyclemys* from the Lao Mountains, in Siam. Ann. Mag. Nat. Hist. (3)10:157.

GRAY, J.E. 1863a. On the species of *Chelymys* from Australia; with the description of a new species. Ann. Mag. Nat. Hist. (3)12:98-99.

GRAY, J.E. 1863b. Notice of a new species of *Pelomedusa* from Natal. Ann. Mag. Nat. Hist. (3)12:99-100.

GRAY, J.E. 1863c. Notice of a new species of *Kinixys* and other tortoises from central Africa. Ann. Mag. Nat. Hist. (3)12:381-382.

GRAY, J.E. 1863d. Observations on the box tortoises, with the descriptions of three new Asiatic species. Proceedings of the Zoological Society of London 1863:173-178.

GRAY, J.E. 1863e. Notice of a new species of *Batagur* from northwestern India. Proceedings of the Zoological Society of London 1863:253.

GRAY, J.E. 1864a. Revision of the species of Trionychidae found in Asia and Africa, with the descriptions of some new species. Proceedings of the Zoological Society of London. 1864:76-98.

GRAY, J.E. 1864b. Description of a new species of *Staurotypus* (*S. salvinii*) from Guatemala. Proceedings of the Zoological Society of London. 1864:127-128.

GRAY, J.E. 1867. Description of a new Australian tortoise (*Elseya latisternum*). Ann. Mag. Nat. Hist. 20:43-45.

GRAY, J.E. 1869. Notes on the families and genera of tortoises (Testudinata), and on the characters afforded by the study of their skulls. Proceedings of the Zoological Society of London 1869:165-225.

GRAY, J.E. 1870a. Notice of a new Chilian tortoise (*Testudo chilensis*). Ann. Mag. Nat. Hist. (4)6:190-191.

GRAY, J.E. 1870b. Supplement to the Catalogue of Shield Reptiles in the Collection of the British Museum. Part I. Testudinata (Tortoises). London: British Museum, 120 pp.

GRAY, J.E. 1871. Notes on Australian freshwater tortoises. [2] Ann. Mag. Nat. Hist. London (4)8:366.

GRAY, J.E. 1872. Notes on the mud-tortoises of India (*Trionyx*, Geoffroy). Ann. Mag. Nat. Hist. London (4)10:326-340.

GRAY, J.E. 1873a. On a new freshwater tortoise from Borneo (*Orlitia borneensis*). Ann. Mag. Nat. Hist. London (4)11:156-157.

GRAY, J.E. 1873b. Notes on Chinese mud-tortoises (Trionychidae), with the description of a new species sent to the British Museum by Mr. Swinhoe, and observations on the male organ of this family. Ann. Mag. Nat. Hist. London (4)12:156-161.

GRAY, J.E. 1873c. Hand-List of the Specimens of Shield Reptiles in the British Museum. London: British Museum, 124 pp.

GUICKING, D., FRITZ, U., WINK, M., AND LEHR, E. 2002. New data on the diversity of the Southeast Asian leaf turtle genus *Cyclemys* Bell, 1834. Molecular results (Reptilia: Testudines: Geoemydidae). Faunistische Abhandlungen Staatliches Museum für Tierkunde Dresden 23:75-86.

GÜNTHER, A.C.L.G. 1864. The Reptiles of British India. London: Ray Society, Robert Hardwicke, 452 pp.

GÜNTHER, A.C.L.G. 1873. Preliminary notice of some extinct tortoises from the islands of Rodriguez and Mauritius. Ann. Mag. Nat. Hist. (4)11:397.

GÜNTHER, A.C.L.G. 1875. Descriptions of the living and extinct races of gigantic land-tortoises. Parts I and II. Introduction, and the tortoises of the Galapagos Islands. Philos. Transact. Roy. Soc. London 165:251-284.

GÜNTHER, A.C.L.G. 1877. The Gigantic Land-Tortoises (Living and Extinct) in the Collection of the British Museum. London: Taylor

and Francis, 96 pp.

GÜNTHER, A.C.L.G. 1882. Description of a new species of tortoise (*Geoemyda impressa*) from Siam. Proceedings of the Zoological Society of London 1882:343-346.

GÜNTHER, A.C.L.G. 1885. Biologia Centrali-Americana. Reptilia and Batrachia. In: Salvin, O. and F.D. Godman (Eds.). Biologica Centrali-Americana. London, 326 pp.

GUO, C.-W., NIE, L.-W., AND WANG, M. 1997. The karyotypes and NORs of two species of *Chinemys*. In: Zhao, E. (Ed.). Chinese Chelonian Research. Chinese Society for the Study of Amphibians and Reptiles, Herpetological Series No. 9, Sichuan Journal of Zoology 15 (Suppl.):97-104.

HARRIS, D.J., ZNARI, M., MACE, J.C., AND CARRETERO, M.A. 2003. Genetic variation in *Testudo graeca* from Morocco estimated using 12S rRNA DNA sequencing. Revista Española de Herpetología 16:5-9.

HARTWEG, N. 1934. Description of a new kinosternid from Yucatan. Occasional Papers of the Museum of Zoology, University of Michigan 277:1-2.

HARTWEG, N. 1939. A new American *Pseudemys*. Occasional Papers of the Museum of Zoology, University of Michigan 397:1-4.

HAY, W.P. 1904. A revision of *Malaclemmys*, a genus of turtles. Bulletin of the U.S. Bureau of Fisheries 24:1-19.

HAYNES, D. AND MCKOWN, R.R. 1974. A new species of map turtle (Genus *Graptemys*) from the Guadalupe River system in Texas. Tulane Studies in Zoology and Botany 18(4):143-152.

HE, J., ZHOU, T., RAO, D.-Q., AND ZHANG, Y.-P. 2007. [Studies on the molecular identification and phylogeny of *Cuora yunnanensis*.] Chinese Science Bulletin 52(17):2085-2088.

HENDERSON, J.R. 1912. Preliminary note on a new tortoise from South India. Rec. Indian Mus. Calcutta 7(21):217-218.

HEWITT, J. 1927. Further descriptions of reptiles and batrachians from South Africa. Rec. Albany Mus. 3:371-415.

HEWITT, J. 1931. Descriptions of some African tortoises. Ann. Natal Mus. 6:461-506.

HEWITT, J. 1935. Some new forms of batrachians and reptiles from South Africa. Rec. Albany Mus. 4:283-357.

HIGHFIELD, A.C. 1990. Tortoises of north Africa; taxonomy, nomenclatue, phylogeny and evolution with notes on field studies in Tunisia. J. Chelonian Herpetology 1(2):1-56.

HOLBROOK, J.E. 1836. North American Herpetology; or, a Description of the Reptiles Inhabiting the United States. Ed. 1, Vol. 1. Philadelphia: J. Dobson, 120 pp.

HOLBROOK, J.E. 1838. North American Herpetology; or, a Description of the Reptiles Inhabiting the United States. Ed. 1, Vols. 2-3. Philadelphia: J. Dobson, 125 pp., 122 pp.

HOLMAN, J.A. AND FRITZ, U. 2001. A new emydine species from the Middle Miocene (Barstovian) of Nebraska, USA with a new generic arrangement for the species of *Clemmys* sensu McDowell (1964) (Reptilia: Testudines: Emydidae). Zoologische Abhandlungen Staatliches Museum für Tierkunde Dresden 51:331-354.

HONDA, M., YASUKAWA, Y., HIRAYAMA, R., AND OTA, H. 2002a. Phylogenetic relationships of the Asian box turtles of the genus *Cuora* sensu lato (Reptilia: Bataguridae) inferred from mitochondrial DNA sequences. Zoological Science 19:1305–1312.

HONDA, M., YASUKAWA, Y., AND OTA, H. 2002b. Phylogeny of Eurasian freshwater turtles of the genus *Mauremys* Gray 1869 (Testudines), with special reference to a close affinity of *Mauremys japonica* with *Chinemys reevesii*. Journal of Zoological Systematics and Evolutionary Research 40:195-200.

HOOGMOED, M.S. AND CRUMLY, C.R. 1984. Land tortoise types in the Rijksmuseum van Natuurlijke Historie with comments on nomenclature and systematics (Reptilia: Testudines: Testudinidae). Zoologische Mededelingen, Leiden 58:241-259.

HSÜ, H.-F. 1930. Preliminary note on a new variety of *Cyclemys flavomarginata* from China. Contr. Biol. Lab. Sci. Soc. China Zool. Ser. 6(1):1-7.

IVERSON, J.B. 1979. A taxonomic reappraisal of the yellow mud turtle, *Kinosternon flavescens* (Testudines: Kinosternidae). Copeia 1979:212-225.

IVERSON, J.B. 1981. Biosystematics of the *Kinosternon hirtipes* species group (Testudines: Kinosternidae). Tulane Stud. Zool. Bot. 23:1-74.

IVERSON, J.B. 1986. A Checklist with Distribution Maps of the Turtles of the World. Richmond, IN: Privately Printed, 283 pp.

IVERSON, J.B. 1991. Phylogenetic hypotheses for the evolution of modern kinosternine turtles. Herpetological Monographs 4:1-27.

IVERSON, J.B. 1998. Molecules, morphology, and mud turtle phylogenetics (family Kinosternidae). Chelonian Conservation and Biology 3(1):113-117.

IVERSON, J.B. 1992. A revised checklist with distribution maps of the turtles of the world. Richmond, IN: Privately published, 374 pp.

IVERSON, J.B. AND MCCORD, W.P. 1992a. A new Chinese eyed turtle of the genus *Sacalia* (Batagurinae: Testudines). Proc. Biol. Soc. Washington 105(3):426-432.

IVERSON, J.B. AND MCCORD, W.P. 1992b. A new subspecies of *Cuora galbinifrons* (Testudines: Batagurinae) from Hainan Island, China. Proc. Biol. Soc. Washington 105(3):433-439.

IVERSON, J.B. AND MCCORD, W.P. 1994. Variation in east Asian turtles of the genus *Mauremys* (Bataguridae; Testudines). Journal of Herpetology 28(2):178-187.

IVERSON, J.B. AND MCCORD, W.P. 1997. A new species of *Cyclemys* (Testudines: Bataguridae) from southeast Asia. Proc. Biol. Soc. Washington 110(4):629-639.

IVERSON, J.B, ERNST, C.H., GOTTE, S., AND LOVICH, J.E. 1989. The validity of *Chinemys megalocephala* (Testudines: Batagurinae). Copeia 1989:494-498.

IVERSON, J.B., KIMERLING, J., KIESTER, A.R., HUGHES, L.E., AND NICOLELLO, J. 2001a. Turtles of the World. [http://emys.geo.orst.edu].

IVERSON, J.B., THOMSON, S.A., AND GEORGES, A. 2001b. Validity of taxonomic changes for turtles proposed by Wells and Wellington. Journal of Herpetology 35:361-368.

IVERSON, J.B., SPINKS, P.Q., SHAFFER, H.B., MCCORD, W.P., AND DAS, I. 2001c. Phylogenetic relationships among the Asian tortoises of the genus *Indotestudo* (Reptilia: Testudines: Testudinidae). Hamadryad 26(2):272-275.

IVERSON, J.B., BROWN, R.M., AKRE, T.S., NEAR, T.J., LE, M., THOMSON, R.C., AND STARKEY, D.E. 2007. In search of the tree of life for turtles. Chelonian Research Monographs 4:85-106.

JACKSON, D.R. 1995. Systematics of the *Pseudemys concinna-floridana* complex (Testudines: Emydidae): an alternative interpretation. Chelonian Conservation and Biology 1(4):329-333.

JERDON, T.C. 1870. Notes on Indian herpetology. Proc. Asiatic Soc. Bengal 1870(3):66-85.

JESU, R., PIOMBO, R., SALVIDIO, S., LAMAGNI, L., ORTALE, S., AND GENTA, P. 2004. Un nuovo taxon di testuggine palustre endemico della Liguria occidentale: *Emys orbicularis ingauna* n. ssp. (Reptilia, Emydidae). Annali del Museo Civico di Storia Naturale "G. Doria" 96:133-192.

JOYCE, W.G., PARHAM, J.F., AND GAUTHIER, J.A. 2004. Developing a protocol for the conversion of rank-based taxon names to phylogenetically defined clade names, as exemplified by turtles. Journal of Paleontology 78:989-1013.

KARL, S.A., AND BOWEN, B.W. 1999. Evolutionary significant units versus geopolitical taxonomy: molecular systematics of an endangered sea

turtle (genus *Chelonia*). Conservation Biology 13: 990-999.

KHOSATZKY, L.K., AND MLYNARSKI, M. 1966. *Agrionemys*–nouveau genre de tortue terrestres (Testudinidae). Bulletin Academie Polonaise Sciences 14:123-125.

KREFFT, G. 1876. Notes on Australian animals in New Guinea with description of a new species of fresh water tortoise belonging to the genus *Euchelymys* (Gray). Ann. Mus. Civ. Stor. Nat. Giacomo Doria (1)8:390-394.

KRENZ, J.G., NAYLOR, G.J.P., SHAFFER, H.B., AND JANZEN, F.J. 2005. Molecular phylogenetics and evolution of turtles. Molecular Phylogenetics and Evolution 37:178-191.

KUCHLING, G., RHODIN, A.G.J., IBARRONDO, B.R., AND TRAINOR, C.R. 2007. A new subspecies of the snakeneck turtle *Chelodina mccordi* from Timor-Leste (East Timor) (Testudines: Chelidae). Chelonian Conservation and Biology 6(2):213-222.

KUHL, H. 1820. Beiträge zur Kenntniss der Amphibien. In: Kuhl, H. Beiträge zur Zoologie und vergleichenden Anatomie. Erste Abtheilung. Beiträge zur Zoologie. Frankfurt: Hermannschen Buchhandlung, pp. 75-132.

LAPPARENT DE BROIN, F. DE. 2000a. Les chéloniens de Sansan. Mémoires du Muséum national d'Histoire Naturelle 183:219–261.

LAPPARENT DE BROIN, F. DE. 2000b. African chelonians from the Jurassic to the present. A preliminary catalog of the African fossil chelonians. Palaeontologica Africana 36:43–82.

LAPPARENT DE BROIN, F. DE, BOUR, R., PARHAM, J.F., AND PERÄLÄ, J. 2006. *Eurotestudo*, a new genus for the species *Testudo hermanni* Gmelin, 1789 (Chelonii, Testudinidae). Comptes Rendus Paleovol 5:803-811.

LATASTE, F. 1886. Description d'une tortue nouvelle du Haut-Sénégal (*Homopus nogueyi*). Le Naturaliste (2)8:286-287.

LATREILLE, P.A. 1801. Histoire Naturelle des Reptiles. In: Sonnini, C.S. and Latreille, P.A. Histoire Naturelle des Reptiles, avec figures dessinées d'après nature. Tome Premier. Première Partie. Quadrupèdes et Bipèdes Ovipares. Paris: Deterville, pp. 280.

LAURENT, R.F. 1956. Contribution a l'herpétologie de la région des grands lacs de l'Afrique centrale. I. Généralites. II. Chéloniens. III. Ophidiens. Annales du Musée Royal du Congo Belge Tervuren, Sciences Zoologiques 48:5-390.

LAURENT, R.F. 1965. A contribution to the knowledge of the genus *Pelusios* (Wagler). Annales du Musée Royal de l'Afrique Centrale, Sciences Zoologiques, Tervuren 135:1-33.

LE, M., RAXWORTHY, C.J., MCCORD, W.P., AND MERTZ, L. 2006. A molecular phylogeny of tortoises (Testudines: Testudinidae) based on mitochondrial and nuclear genes. Molecular Phylogenetics and Evolution 40:517-531.

LE, M., MCCORD, W.P., AND IVERSON, J.B. 2007. On the paraphyly of the genus *Kachuga* (Testudines: Geoemydidae). Molecular Phylogenetics and Evolution 45:398-404.

LE CONTE, J. 1830. Description of the species of North American tortoises. Annals of the Lyceum of Natural History, New York 3:91-131.

LE CONTE, J. 1854. Description of four new species of *Kinosternum*. Proc. Acad. Nat. Sci. Phila. 7:180-190.

LEGLER, J.M. 1959. A new tortoise, genus *Gopherus*, from north-central Mexico. U. Kansas Publ. 11(5):335-343.

LEGLER, J.M. 1960. A new subspecies of slider turtle (*Pseudemys scripta*) from Coahuila, Mexico. University of Kansas Publications of the Museum of Natural History 13(3):73-84.

LEGLER, J.M. 1965. A new species of turtle, genus *Kinosternon*, from Central America. Univ. Kans. Mus. Natur. Hist. Misc. Publ. 15(13):617-625.

LEGLER, J.M. 1990. The genus *Pseudemys* in Mesoamerica: taxonomy, distribution and origins. In: Gibbons, J.W. (Ed.). Life History and Ecology of the Slider Turtle. Washington DC: Smithsonian Institution Press, pp.82-105.

LEGLER, J.M. AND CANN, J. 1980. A new genus and species of chelid turtle from Queensland, Australia. Contr. Sci. Nat. Hist. Mus. Los Angeles Co. 324:1-18.

LEGLER, J.M. AND WEBB, R.G. 1970. A new slider turtle (*Pseudemys scripta*) from Sonora, Mexico. Herpetologica 26(2):157-168.

LEHR, E., FRITZ, U., AND OBST, F.J. 1998. *Cuora galbinifrons picturata* subsp. nov., eine neue Unterart der Hinterinischen Scharnierschildkröte. Herpetofauna 20(113):5-11.

LENK, P., FRITZ, U., JOGER, U., AND WINK, M. 1999. Mitochondrial phylogeography of the European pond turtle, *Emys orbicularis* (Linnaeus 1758). Molecular Ecology 8:1911–1922.

LESSON, R.-P. 1830. Centurie zoologique. Paris: F.G. Levrault, 235 pp.

LESUEUR, C.A. 1817. An account of an American species of tortoise, not noticed in the systems. Journal of the Academy of Natural Sciences, Philadelphia 1:86-88.

LESUEUR, C.A. 1827. Note sur deux espèces de tortues, du genre *Trionyx* de M. Geoffroy-Saint-Hilaire. Mem. Mus. Hist. Nat. 15:257-268.

LI, Z.Y. 1958. Report on the investigation of reptiles of Hainan Island. Chinese Journal of Zoology 2(4):234-239.

LINDHOLM, W.A. 1906. Beschreibung einer neuen Schildkrotenart aus Deutsch-Sudwestafrika nebst Bemerkungen uber die Gattung Homopus D. et B. Jahrb. Nassau. Ver. Naturk, Wiesbaden 59:345-351.

LINNAEUS, C. 1758. Systema Naturae, per Regna Tria Naturae, secundum Classes, Ordines, Genera, Species, cum Characteribus, Differentiis, Synonymis, Locis. Tomus I. Editio Decima, Reformata. [10th Ed.] Holmiae [Stockholm]: Laurentii Salvii, 824 pp.

LINNAEUS, C. 1766. Systema Naturae. Editio Duodecima, Reformata. Tomus I, Pars I, Regnum Animale. [12th Ed.]. Holmiae [Stockholm]: Laurentii Salvii, 532 pp.

LORTET, L. 1883. Poissons et reptiles du lac de Tibériade et de quelques autres parties de Syrie. Archives du Muséum d'Histoire Naturelle de Lyon 3:99-194.

LOVERIDGE, A. 1935. Scientific results of an expedition to rain forest regions in eastern Africa. I. New reptiles and amphibians from East Africa. Bull. Mus. Comp. Zool. 79:1-19.

LOVERIDGE, A. AND WILLIAMS, E.E. 1957. Revision of the African tortoises and turtles of the suborder Cryptodira. Bulletin of the Museum of Comparative Zoology 115(6):163-557.

LOVICH, J.E. AND MCCOY, C.J. 1992. Review of the *Graptemys pulchra* group (Reptilia: Testudines: Emydidae), with descriptions of two new species. Annals of the Carnegie Museum 61(4):293-315.

LUEDERWALDT, H. 1926. Os chelonios brasileiros. Rev. Mus. Paulista 14:403-470.

LUO, B. AND ZONG, Y. 1988. A new species of *Cuora* - *Cuora aurocapitata*. Acta Herpetologica Sinica 3:13-15.

MCCORD, W.P. 1997. *Mauremys pritchardi*, a new batagurid turtle from Myanmar and Yunnan, China. Chelonian Conservation and Biology 2(4):555-562.

MCCORD, W.P. AND IVERSON, J.B. 1991. A new box turtle of the genus *Cuora* (Testudines: Emydidae) with taxonomic notes and a key to the species. Herpetologica 47(4):407-420.

MCCORD, W.P. AND IVERSON, J.B. 1992. A new species of *Ocadia* (Testudines: Bataguridae) from Hainan Island, China. Proc. Biol. Soc. Washington 105(1):13-18.

MCCORD, W.P. AND IVERSON, J.B. 1994. A new species of *Ocadia* (Testudines: Batagurinae) from southwestern China. Proc. Biol. Soc. Wash. 107(1):52-59.

MCCORD, W.P., AND JOSEPH-OUNI, M. 2007. A new species of *Chelodina* (Testudines: Chelidae) from southwestern New Guinea (Papua, Indonesia). Reptilia (GB) 52:47-52.

McCORD, W.P. AND PHILIPPEN, H.-D. 1998. A new subspecies of box turtle, *Cuora amboinensis lineata*, from northern Myanmar (Burma), with remarks on the distribution and geographic variation of the species. Reptile Hobbyist 1998(March):51-58.

McCORD, W.P. AND PRITCHARD, P.C.H. 2003. A review of the softshell turtles of the genus *Chitra*, with the description of new taxa from Myanmar and Indonesia (Java). Hamadryad 27(1)(2002)[2003]:11-56.

McCORD, W.P. AND THOMSON, S.A. 2002. A new species of *Chelodina* (Testudines: Pleurodira: Chelidae) from northern Australia. Journal of Herpetology 36(2):255-267.

McCORD, W.P., IVERSON, J.B., AND BOEADI. 1995. A new batagurid turtle from northern Sulawesi, Indonesia. Chelonian Conservation and Biology 1(4):311-316.

McCORD, W.P., IVERSON, J.B., SPINKS, P.Q., AND SHAFFER, H.B. 2000. A new genus of geoemydid turtle from Asia. Hamadryad 25(2):86-90.

McCORD, W.P., JOSEPH-OUNI, M., AND LAMAR, W.W. 2001. A taxonomic reevaluation of *Phrynops* (Testudines: Chelidae) with the description of two new genera and species of *Batrachemys*. Revista de Biología Tropical 49:715-764.

McCORD, W.P., CANN, J., AND JOSEPH-OUNI, M. 2003. A taxonomic assessment of *Emydura* (Testudines: Chelidae) with descriptions of new subspecies from Queensland, Australia. Reptilia (GB) (Barcelona) 27:59-63.

McCORD, W.P., JOSEPH-OUNI, M., AND HAGEN, C. 2007a. A new subspecies of *Chelodina mccordi* (Testudines: Chelidae) from eastern Rote island, Indonesia. Reptilia (GB) 52:53-57.

McCORD, W.P., JOSEPH-OUNI, M., AND HAGEN, C. 2007b. A new species of *Chelodina* (Testudines: Chelidae) from Timor (East Timor). Reptilia (GB) 52:58-61.

McDOWELL, S.B. 1964. Partition of the genus *Clemmys* and related problems in the taxonomy of the aquatic Testudinidae. Proceedings of the Zoological Society of London 143:239–279.

MERTENS, R. 1954. Zur Kenntnis der Schildkrötenfauna Venezuelas. Senck. Biol. 35(1/2):3-7.

MERTENS, R. 1967. Bemerkenswerte Susswasserschildkröten aus Brasilien. Senck. Biol. 48:71-82.

MERTENS, R. 1969. Eine neue Rasse der Dachschildkrote, *Kachuga tecta*. Senck. Biol. 50:23-30.

MERTENS, R. AND WERMUTH, H. 1955. Die rezenten Schildkröten, Krokodile und Brückenechsen. Eine kritische Liste der heute lebenden Arten und Rassen. Zoologische Jahrbücher 83:323-440.

MEYER, A.B. 1874. Eine Mittheilung über die von mir auf Neu-Guinea und den Inseln Jobi, Mysore und Mafoor im Jahre 1873 gesammelten Amphibien. Mber. Akad. Wiss. Berlin 39:128-140.

MIKAN, J.C. 1820. Delectus Florae et Faunae Brasiliensis. Fasciculus Primus. Vindobonae: 6 pp., 6 pls.

MIKAN, J.C. 1825. Delectus Florae et Faunae Brasiliensis. Fasciculus Quartus. Vindobonae: 6 pp., 6 pls.

MILLER, J.F. 1779. Icones animalium et plantarum. (Various subjects of natural history, wherein are delineated birds, animals, and many curious plants). London: Letterpress, pp. 10, pls. 60.

MITTERMEIER, R.A., AND WILSON, R.A. 1974. Redescription of *Podocnemis erythrocephala* (Spix, 1824), an Amazonian pelomedusid turtle. Papéis Avulsos de Zoologia, São Paulo 28(8):147-162.

MOJSISOVICS, A.V. 1889. Zoogeographische Notizen über Süd-Ungarn aus den Jahren 1886-1888. III. Nachtrag zur "Fauna von Béllye und Darda." Mitt. Naturwiss. Ver. Steiermark, Graz 25(1888):233-269.

MOLL, E.O. 1987. Survey of the freshwater turtles of India. Part II: The genus *Kachuga*. J. Bombay Nat. Hist. Soc. 84:7-25.

MOSIMANN, J.E. AND RABB, G.B. 1953. A new subspecies of the turtle *Geoemyda rubida* (Cope) from western Mexico. Occ. Pap. Mus. Zool. U. Michigan 548.1-7.

MÜLLER, L. 1935. Uber eine neue *Podocnemis*-Art *(Podocnemis vogli*) aus Venezuela nebst ergänzenden Bemerkungen uber die systematischen Merkmale der ihr nächstverwandten Arten. Zool. Anz. 110(5/6):97-109.

NIKOLSKY, A.M. 1896. Diagnosis Reptilium et Amphibiorum novorum in Persia orientali a N. Zarudny Collectorum. Ann. Mus. Zool. Acad. Imp. Sci. St. Pétersbourg 4:369-372.

NUTAPHAND, W. 1979. The Turtles of Thailand. Bangkok: Siamfarm Zoological Garden, 222 pp.

NUTAPHAND, W. 1986. [Manlai, the largest softshell in the world.] Thai Zool. Mag. 1(4):64-69.

OBST, F.J. AND REIMANN, M. 1994. Bemerkenswerte Variabilität bei *Cuora galbinifrons* Bourret, 1939, mit Beschreibung einer neuen geographischen Unterart: *Cuora galbinifrons bourreti* subsp. nov. (Reptilia: Testudines: Cryptodira: Bataguridae). Zool. Abh. Mus. Tierk. Dresden 48:125-137.

OGILBY, J.D. 1890. Description of a new Australian tortoise. Rec. Austral. Mus. 1:56-59.

OKAYAMA, T., DÍAZ-FERNANDEZ, R., BABA, Y., HALIM, M., ABE, O., AZENO, N., AND KOIKE, H. 1999. Genetic diversity of the hawksbill turtle in the Indo-Pacific and Caribbean regions. Chelonian Conservation and Biology 3:362-367.

OUWENS, P.A. 1914. List of Dutch East Indian chelonians in the Buitenzorg Zoological Museum. Contrib. Faune Ind. Neerl. Buitenzorg 1:29-32.

OWEN, R. 1853. Descriptive catalogue of the osteological series contained in the Museum of the Royal College of Surgeons of England. Vol I. Pisces, Reptilia, Aves, Marsupialia. London: Taylor and Francis, pp. 350.

PALKOVACS, E.P., GERLACH, J., AND CACCONE, A. 2002. The evolutionary origin of Indian Ocean tortoises (*Dipsochelys*). Molecular Phylogenetics and Evolution 24:216-227.

PALKOVACS, E.P., MARSCHNER, M., CIOFI, C., GERLACH, J., AND CACCONE, A. 2003. Are the native giant tortoises from the Seychelles really extinct? A genetic perspective based on mtDNA and microsatellite data. Molecular Ecology 12:1403-1413.

PALLAS, P.S. 1814. Zoographia Rosso-Asiatica. III. Animalia Monocardia seu Frigidi Sanguinis Imperii Rosso-Asiatici. Petropolis: Officina Caes. Academiae Scientiarum, 428 pp.

PAOLILLO, A. 1985. Description of a new subspecies of the turtle *Rhinoclemmys punctulari*a (Daudin) (Testudines: Emydidae) from southern Venezuela. Amphibia-Reptilia 6(3):293-305.

PARHAM, J.F., AND FELDMAN, C.R. 2002. Generic revisions of emydine turtles. Turtle and Tortoise Newsletter 6:28–30.

PARHAM, J.F., AND ZUG, G.R. 1996. *Chelonia agassizii* – valid or not? Marine Turtle Newsletter 72:2-5.

PARHAM, J.F., SIMISON, W.B., KOZAK, K.H., FELDMAN, C.R., AND SHI, H. 2001. New Chinese turtles: endangered or invalid? A reassessment of two species using mitochondrial DNA, allozyme electrophoresis, and known locality specimens. Animal Conservation 4:357-367.

PARHAM, J.F., STUART, B.L., BOUR, R., AND FRITZ, U. 2004. Evolutionary distinctiveness of the extinct Yunnan box turtle revealed by DNA from an old museum specimen. Proceedings of the Royal Society Series B: Biology Letters 271(1556[S6]):391-394.

PARHAM, J.F., FELDMAN, C.R., AND BOORE, J.L. 2006a. The complete mitochondrial genome of the enigmatic bigheaded turtle (*Platysternon*): description of unusual genomic features and the reconciliation of phylogenetic hypotheses based on mitochondrial and nuclear DNA. BMC Evolutionary Biology 6(11):1-11.

PARHAM, J.F., MACEY, J.R., PAPENFUSS, T.J., FELDMAN, C.R., TÜRKOZAN, O., POLYMENI, R., AND BOORE, J.L. 2006b. The phylogeny of

Mediterranean tortoises and their close relatives based on complete mitochondrial genome sequences from museum specimens. Molecular Phylogenetics and Evolution 38:50-64.

PARHAM, J.F., TÜRKOZAN, O., STUART, B.L., ARAKELYAN, M., SHAFEI, S., MACEY, J.R., AND PAPENFUSS, T.J. 2006c. Genetic evidence for premature taxonomic inflation in Middle Eastern tortoises. Proceedings of the California Academy of Sciences 57(3):955-963.

PERÄLÄ, J. 1996. Tortoises in southern Turkey. In: Kanza, M., Perälä, J., and Vikberg, J. (Eds.). Herpetokongressi I - The Official Congress Publication, Herpetological Society of Finland, pp. 14-26.

PERÄLÄ, J. 2001. A new species of *Testudo* (Testudines: Testudinidae) from the Middle East, with implications for conservation. Journal of Herpetology 35(4):567-582.

PERÄLÄ, J. 2002a. The genus *Testudo* (Testudines: Testudinidae): phylogenetic inferences. Chelonii 3:32-39.

PERÄLÄ, J. 2002b. Biodiversity in relatively neglected taxa of *Testudo* L., 1758 S. L. Chelonii 3:40-53.

PERÄLÄ, J. 2002c. Morphological variation among Middle Eastern *Testudo graeca* L., 1758 (sensu lato), with a focus on taxonomy. Chelonii 3:78-108.

PETERS, W.K.H. 1854. Ubersicht der auf seiner Reise nach Mossambique beobachteten Schildkröten. Ber. Monatsbericht. Verhand. K. Preuss. Akad. Wiss. Berlin 1854:215-216.

PETERS, W.K.H. 1862. Über einen neuen *Phyllodactylus* aus Guayaquil. Monatsb. Königl. Akad. Wiss. Berlin 1862:626-627.

PETERS, W.K.H. 1868. Eine Mittheilung über eine neue Nagergattung, *Chiropodomys pencillatus*, so wie über neue oder weniger bekannte Amphibien und Fische. Amphibien. Monatsberichte Akad. Wiss. Berlin 1868:448-453.

PETERS, W.K.H. 1870. *Platemys tuberosa*, eine neue Art von Schildkröten aus British-Guiana. Mon. Königl. Akad. Wiss. Berlin 1870:311-313.

PHILIPPEN, H.-D. AND GROSSMANN, P. 1990. Eine neue Schlangenhalsschildkröte von Neuguinea: *Chelodina reimanni* sp. n. (Reptilia, Testudines, Pleurodira: Chelidae). Zoologische Abhandlungen Staatliches Museum Tierkunde Dresden 46(5):95-102.

PHILLIPS, C.A., DIMMICK, W.W., AND CARR, J.L. 1996. Conservation genetics of the common snapping turtle (*Chelydra serpentina*). Conservation Biology 10:397-405.

PIEH, A. 2001. *Testudo graeca soussensis*, eine neue Unterart der Maurischen Landschildkröte aus dem Sousstal (Südwest-Marokko). Salamandra 36(4)(2000)[2001]:209-222.

PIEH, A. AND PERÄLÄ, J. 2002. Variabilität von *Testudo graeca* Linnaeus, 1758 im östlichen Nordafrika mit Beschreibung eines neuen Taxons von der Cyrenaika (Nordostlibyen). Herpetozoa 15(1/2):3-28.

PIEH, A. AND PERÄLÄ, J. 2004. Variabilität der Maurischen Landschildkröten (*Testudo graeca* Linnaeus, 1758 - Komplex) im zentralen und norwestlichen Marokko mit Beschreibung zweier neuer Taxa (Testudines: Testudinidae). Herpetozoa 17(1/2):19-47.

POWER, J.H. 1927. On the herpetological fauna of the Lobatsi-Linokana Area. Part I. Trans. Roy. Soc. S. Africa 14:405-422.

PRASCHAG, P. AND GEMEL, R. 2002. Identity of the black softshell turtle *Aspideretes nigricans* (Anderson, 1875), with remarks on related species. Faunistische Abhandlungen Staatliches Museum für Tierkunde Dresden 23:87-116.

PRASCHAG, P., SCHMIDT, C., FRITZSCH, G., MÜLLER, A., GEMEL, R., AND FRITZ, U. 2006. *Geoemyda silvatica*, an enigmatic turtle of the Geoemydidae (Reptilia: Testudines), represents a distinct genus. Organisms, Diversity, and Evolution 6:151-162.

PRASCHAG, P., HUNDSDÖRFER, A.K., REZA, A.H.M.A., AND FRITZ, U. 2007a. Genetic evidence for wild-living *Aspideretes nigricans* and a molecular phylogeny of South Asian softshell turtles (Reptilia: Trionychidae: *Aspideretes, Nilssonia*). Zoologica Scripta 36(4):301-310.

PRASCHAG, P., HUNDSDÖRFER, A.K., AND FRITZ, U. 2007b. Phylogeny and taxonomy of endangered South and South-east Asian freshwater turtles elucidated by mtDNA sequence variation (Testudines: Geoemydidae: *Batagur, Callagur, Hardella, Kachuga, Pangshura*). Zoologica Scripta 36(5):429-442.

PRITCHARD, P.C.H. 1967. Living Turtles of the World. Jersey City: TFH Publ., 288 pp.

PRITCHARD, P.C.H. 1979. Encyclopedia of Turtles. Neptune, NJ: TFH Publications, 895 pp.

PRITCHARD, P.C.H. 1990. Turtles of the world (book review). Copeia 1990: 62-67.

PRITCHARD, P.C.H. 1996. The Galápagos Tortoises: Nomenclatural and Survival Status. Chelonian Research Monographs No. 1, 85 pp.

PRITCHARD, P.C.H. 2000. *Indotestudo travancorica*...a valid species of tortoise? Reptile and Amphibian Hobbyist 5(6):18-28.

PRITCHARD, P.C.H. AND MCCORD, W.P. 1991. A new emydid turtle from China. Herpetologica 47(2):139-147.

PRITCHARD, P.C.H. AND TREBBAU, P. 1984. The Turtles of Venezuela. Society for the Study of Amphibians and Reptiles, Contributions in Herpetology No. 2, 403 pp.

QUOY, J.R.C. AND GAIMARD, J.P. 1824. Sous-genre Tortue de Terre—*Testudo* Brongn. Tortue Noire—*Testudo nigra* N. In: Freycinet, M.L. de. Voyage Autour du Monde, Entrepris par le ministére et conformément aux instructions de s. exc. M. le Vicomte du Bouchage, Secrétaire d'etat au Department de la Marine, Exécuté sur les corvettes de S.M. l'Uranie et la Physicienne, pendant les années 1817-1820. Zoologie. Paris, pp. 174-175.

RAMSAY, E.P. 1886. On a new genus and species of freshwater tortoise from the Fly River, New Guinea. Proceedings of the Linnaean Society of New South Wales (2)1(1887)[1886]:158-162.

REIMANN, M. 1979. [*Geoemyda trijuga wiroti*, *Testudo nutapundi*]. In: Nutaphand, W. The Turtles of Thailand. Bangkok: Siamfarm Zoological Garden, pp. 177-178, 193-195

RHODIN, A.G.J. 1994a. Chelid turtles of the Australasian Archipelago: I. A new species of *Chelodina* from southeastern Papua New Guinea. Breviora 497:1-36.

RHODIN, A.G.J. 1994b. Chelid turtles of the Australasian Archipelago: II. A new species of *Chelodina* from Roti Island, Indonesia.. Breviora 498:1-31.

RHODIN, A.G.J., AND GENORUPA, V.R. 2000. Conservation status of freshwater turtles in Papua New Guinea. In: van Dijk, P.P., Stuart, B.L., and Rhodin, A.G.J. (Eds.). Asian Turtle Trade: Proceedings of a Workshop on Conservation and Trade of Freshwater Turtles and Tortoises in Asia. Chelonian Research Monographs 2:129-136.

RHODIN, A.G.J., AND MITTERMEIER, R.A. 1976. *Chelodina parkeri*, a new species of chelid turtle from New Guinea, with a discussion of *Chelodina siebenrocki* Werner, 1901. Bulletin of the Museum of Comparative Zoology 147(11):465-488.

RHODIN, A.G.J. AND MITTERMEIER, R.A. 1983. Description of *Phrynops williamsi*, a new species of chelid turtle of the South American *P. geoffroanus* complex. In: Rhodin, A.G.J. and Miyata, K. (Eds.). Advances in Herpetology and Evolutionary Biology. Essays in Honor of Ernest E. Williams. Cambridge, MA: Museum of Comparative Zoology, pp. 58-73.

RHODIN, A.G.J., MITTERMEIER, R.A., AND MCMORRIS, J.R. 1984. *Platemys macrocephala*, a new species of chelid turtle from central Bolivia and the Pantanal region of Brazil. Herpetologica 40(1):38-46.

ROTHSCHILD, W. 1901. On a new land-tortoise from the Galapagos Islands. Novit. Zool. 8:372.

ROTHSCHILD, W. 1903. Description of a new species of gigantic land tortoise from Indefatigable Island. Novitates Zool. 10:119.

RUEDA-ALMONACID, J.V., CARR, J.L., MITTERMEIER, R.A., RODRÍGUEZ-

MAHECHA, J.V., MAST, R.B., VOGT, R.C., RHODIN, A.G.J., DE LA OSSA-VELÁSQUEZ, J., RUEDA, J.N., AND MITTERMEIER, C.G. 2007. Las tortugas y los cocodrilianos de los países andinos del trópico. Bogotá, Colombia: Editorial Panamericana, Formas e Impresos, Serie de guías tropicales de campo No. 6, Conservación Internacional, 538 pp.

RUMMLER, H.-J. AND FRITZ, U. 1991. Geographische Variabilität der Amboina-Scharnierschildkröte *Cuora amboinensis* (Daudin, 1802), mit Beschreibung einer neuen Unterart, *C. a. kamaroma* subsp. nov. Salamandra 27(1):17-45.

RÜPPELL, E. 1835. Neue Wirbelthiere zu der Fauna von Abyssinien gehörig. Amphibien. Frankfurt: S. Schmerber, 18 pp.

RUSSELLO, M.A., GLABERMAN, S., GIBBS, J.P., MARQUEZ, C., POWELL, J.R., AND CACCONE, A. 2005. A cryptic taxon of Galápagos tortoise in conservation peril. Biological Letters 1:287-290.

RUSSELLO, M.A., BEHEREGARAY, L.B., GIBBS, J.P., FRITTS, T., HAVILL, N., POWELL, J.R., AND CACCONE, A. 2007. Lonesome George is not alone among Galápagos tortoises. Current Biology 17(9):R317-R318.

RUST, H.T., MERTENS, R., AND MULLER, L. 1934. Systematische Liste der Lebenden Schildkröten. Blatt. Aquar. Terrarienknd. 45:42-45,59-67.

SCHLEGEL, H. AND MÜLLER, S. 1844. Over de Schildpadden van den Indischen Archipel, beschrijving einer nieuwe soort van Sumatra. In: Temminck, C.J. (Ed.). Verhandelingen over de Natuurlijke Geschiendenis der Nederlandsche Overzeesche Bezittingen, 1839-44. Part 3. Zoologie, Schildpadden. Leiden: Luchtmans and van der Hoek.

SCHLEICH, H.H. 1996. Beitrag zur Systematik des Formenkreises von *Mauremys leprosa* (Schweigger) in Marokko. Teil I. Spixiana Suppl. 22:29-59.

SCHLEICH, H.-H. AND GRUBER, U. 1984. Eine neue Grosskopf-schildkröte, *Platysternon megacephalum tristernalis* nov. ssp., aus Yünnan, China. Spixiana 7:67-73.

SCHLEICH, H.H. AND KÄSTLE, W. (Eds.). 2002. Amphibians and Reptiles of Nepal. Biology, Systematics, Field Guide. Koenigstein: Koeltz Scientific Books, pp. 1201.

SCHMIDT, K.P. 1928. Amphibians and land reptiles of Porto Rico, with a list of those reported from the Virgin Islands. In: Scientific Survey of Porto Rico and the Virgin Islands. New York Academy of Science, 160 pp.

SCHMIDT, K.P. 1947. A new kinosternid turtle from Colombia. Fieldiana Zoology 31(13):109-112.

SCHMIDT, K.P. AND OWENS, D.W. 1944. Amphibians and reptiles of northern Coahuila, Mexico. Field Mus. Nat. Hist. Zool. 29:97-115.

SCHNEIDER, J.G. 1783. Allgemeine Naturgeschichte der Schildkröten, nebst einem systematischen Verzeichnisse der einzelnen Arten und zwei Kupfern. Leipzig: J.G. Muller, 364 pp.

SCHNEIDER, J.G. 1792. Beschreibung und Abbildung einer neuen Art von Wasserschildkröte nebst Bestimmungen einiger bisher wenig bekannten fremden Arten. Schrift. Ges. Naturf. Freunde Berlin 10:259-284.

SCHOEPFF, J.D. 1792. Historia Testudinum Iconibus Illustrata. Erlangae: Ioannis Iacobi Palm, 136 pp, [pp.1-32].

SCHOEPFF, J.D. 1793. Historia Testudinum Iconibus Illustrata. Erlangae: Ioannis Iacobi Palm, 136 pp, [pp.33-80].

SCHOEPFF, J.D. 1795. Historia Testudinum Iconibus Illustrata. Erlangae: Ioannis Iacobi Palm, 136 pp, [pp.81-112].

SCHOEPFF, J.D. 1801. Historia Testudinum Iconibus Illustrata. Erlangae: Ioannis Iacobi Palm, 136 pp, [pp.113-136].

SCHWARTZ, A. 1955. The diamondback terrapins (*Malaclemys terrapin*) of peninsular Florida. Proceedings of the Biological Society of Washington 68:157-164.

SCHWARTZ, A. 1956. Geographic variation in the chicken turtle *Deirochelys reticularia* Latreille. Fieldiana, Zoology. 34:461-503.

SCHWEIGGER, A.F. 1812. Prodromus monographiae Cheloniorum. Königsb. Arch. Naturwiss. Math. 1:271-368; 406-458.

SEELIGER, L.M. 1945. Variation in the Pacific mud turtle. Copeia 1945(3):150-159.

SEIDEL, M.E. 1994. Morphometric analysis and taxonomy of cooter and red-bellied turtles in the North American genus *Pseudemys* (Emydidae). Chelonian Conservation and Biology 1(2):117-130.

SEIDEL, M.E. 1995. How many species of cooter turtles and where is the scientific evidence? - A reply to Jackson. Chelonian Conservation and Biology 1(4):333-336.

SEIDEL, M.E. 2002. Taxonomic observations on extant species and subspecies of slider turtles, genus *Trachemys*. Journal of Herpetology 36:285–292.

SEIDEL, M.E., IVERSON, J.B., AND ADKINS, M.D. 1986. Biochemical comparisons and phylogenetic relationships in the family Kinosternidae (Testudines). Copeia 1986(2):285-294.

SERB, J.M., PHILLIPS, C.A., AND IVERSON, J.B. 2001. Molecular phylogeny and biogeography of *Kinosternon flavescens* based on complete mitochondrial control region sequences. Molecular Phylogenetics and Evolution 18:149-162.

SHAFFER, H.B., MEYLAN, P., AND MCKNIGHT, M.L. 1997. Test of turtle phylogeny: molecular, morphological, and paleontological approaches. Systematic Biology 46:235–268.

SHAFFER, H.B., STARKEY, D.E., AND FUJITA, M.K.. In press. Molecular insights into the systematics of the snapping turtles (Chelydridae). In: Steyermark, A.C., Finkler, M.S., and Brooks, R.J. (Eds.), The Biology of the Snapping Turtle. Baltimore: Johns Hopkins University Press.

SHAW, G. 1794. Zoology of New Holland. Vol. I. London: J. Davis, 33 pp.

SHAW, G. 1802. General Zoology, or Systematic Natural History. Volume III, Part I, Amphibia. London: G. Kearsley, 312 pp.

SIEBENROCK, F. 1901. Beschreibung einer neuen Schildkrötengattung aus der Familie Chelydidae von Australien: *Pseudemydura* . Anzeiger Akad. Wissen. Wien Math.-Natur. Klasse 38(22):248-250.

SIEBENROCK, F. 1903a. Schildkröten des östlichen Hinterindien. Sitzung. Akad. Wissen. Wien Math.-Natur. Klasse 112(1):333-353.

SIEBENROCK, F. 1903b. Über zwei seltene und eine neue Schildkröte des Berliner Museums. Sitzungsb. Akad. Wiss. Wien 112(1):439-445.

SIEBENROCK, F. 1906a. Zur Kenntnis der Schildkrötenfauna der Insel Hainan. Zool. Anz. Leipzig 30:578-586.

SIEBENROCK, F. 1906b. Eine neue *Cinosternum*-Art aus Florida. Zool. Anz. 30:727-728.

SIEBENROCK, F. 1906c. Schildkröten von Ostafrica und Madagaskar. In: Voeltzkow, A. Reise in Ost-Afrika in den Jahren 1903-1905 mit Mitteln der Hermann und Elise geb. Heckmann-Wentzel-Stiftung. Wissenschaftliche Ergebnisse. Systematischen Arbeiten. Stuttgart 2:1-40.

SIEBENROCK, F. 1909. Synopsis der rezenten Schildkröten, mit Berücksichtigung der in historischer Zeit ausgestorbenen Arten. Zoologische Jahrbücher Supplement 10(3):427-618.

SIEBENROCK, F. 1914. Eine neue *Chelodina* Art aus Westaustralien. Wien. Anz. Ak. Wiss. 17:386-387.

SIROKY, P., AND FRITZ, U. 2007. Is *Testudo werneri* a distinct species? Biologia (Bratislava) Section Zoology 62(2):1-4.

SMITH, A. 1838. Illustrations of the Zoology of South Africa, consisting chiefly of Figures and Descriptions of the Objects of Natural History collected during an Expedition into the Interior of South Africa, in the years 1834,1835, and 1836. Vol. 3 Reptilia. London: Smith, Elder & Co. 28p.

SMITH, A. 1839. Illustrations of the Zoology of South Africa. Reptiles. London.

SMITH, H.M. AND GLASS, B.P. 1947. A new musk turtle from the southern United States. J. Washington Acad. Sci. 37:22-24.

Smith, H.M. and Ramsey, L.W. 1952. A new turtle from Texas. Wasman Journal of Biology 10:45-54.

Smith, H.M., Humphrey, R., and Chiszar, D. 1996. A range extension for the box turtle *Terrapene yucatana*. Bulletin Maryland Herpetological Society 32:14-15.

Song, M.T. 1984. [A new species of the turtle genus *Cuora* (Testudoformes: Testudinidae).] Acta Zootaxonomica Sinica 9(3):330-332.

Spinks, P.Q. and Shaffer, H.B. 2005. Range-wide molecular analysis of the western pond turtle (*Emys marmorata*): cryptic variation, isolation by distance, and their conservation implications. Molecular Ecology 14:2047-2064.

Spinks, P.Q. and Shaffer, H.B. 2007. Conservation phylogenetics of the Asian box turtles (Geoemydidae, *Cuora*): mitochondrial introgression, numts, and inferences from multiple nuclear loci. Conservation Genetics 8:641-657.

Spinks, P.Q., Shaffer, H.B., Iverson, J.B., and Mccord, W.P. 2004. Phylogenetic hypotheses for the turtle family Geoemydidae. Molecular Phylogenetics and Evolution 32:164–182.

Spix, J.B. 1824. Animalia Nova sive Species Novae Testudinum et Ranarum. Monachii, 53 pp.

Starkey, D.E., Shaffer, H.B., Burke, R.R., Forstner, M.R.J., Iverson, J.B., Janzen, F.J., Rhodin, A.G.J., and Ultsch, G.R. 2003. Molecular systematics, phylogeography, and the effects of Pleistocene glaciation in the painted turtle (*Chrysemys picta*) complex. Evolution 57:119-128.

Stejneger, L. 1918. Description of a new lizard and a new snapping turtle from Florida. Procedings of the Biological Society of Washington 31:89-92.

Stejneger, L. 1925. New species and subspecies of American turtles. Journal of the Washington Academy of Science 15:462-463.

Stephens, P.R., and Wiens, J.J. 2003. Ecological diversification and phylogeny of emydid turtles. Biological Journal of the Linnean Society 79:577-610.

Stuart, B.L. and Parham, J.F. 2004. Molecular phylogeny of the critically endangered Indochinese box turtle (*Cuora galbinifrons*). Molecular Phylogenetics and Evolution 31:164-177.

Stuart, B.L. and Parham, J.F. 2007. Recent hybrid origin of three rare Chinese turtles. Conservation Genetics 8:169-175.

Suckow, G.A. 1798. Anfangsgründe der theoretischen und angewandten Naturgeschichte der Thiere. Dritter Theil. Von den Amphibien. Leipzig: Weidmannischen Buchhandlung, pp.298.

Tang, Y. 1997. Research on a new species of *Pelodiscus*, Trionychidae, in China. Zool. Res. Kunming 18(1):13-17.

Taylor, W.E. 1895. The box turtles of North America. Proceedings of the U.S. National Museum 17:573-588.

Taylor, E.H. 1920. Philippine turtles. Philippine J. Sci. Manila 16(2):1-144.

Temminck, C.J. and Schlegel, H. 1835. Reptilia Elaborantibus. I. Chelonii. In: Siebold, P.F. von. Fauna Japonica. Vol. III. Lugduni Batavorum; pp.1-80.

Theobald, W., Jr. 1876. Descriptive Catalogue of the Reptiles of British India. Calcutta: Thacher, Spink and Co., 238 pp.

Thomson, S.A. 2000. On the identification of the holotype of *Chelodina oblonga* (Testudines: Chelidae) with a discussion of the taxonomic implications. Chelonian Conservation and Biology 3:745-749.

Thomson, S.A. 2006. *Chelodina rugosa* Ogilby, 1890 (currently *Macrochelodina rugosa*; Reptilia, Testudines): proposed precedence over *Chelodina oblonga* Gray, 1841. ICZN Case 3351. Bulletin of Zoological Nomenclature 63:187-193.

Thomson, S., Kennett, R., and Georges, A. 2000. A new species of long-necked turtle (Testudines: Chelidae) from the Arnhem Land Plateau, Northern Territory, Australia. Chelonian Conservation and Biology 3(4):675-685.

Thomson, S., Georges, A., and Limpus, C.J. 2006. A new species of freshwater turtle in the genus *Elseya* (Testudines: Chelidae) from central coastal Queensland, Australia. Chelonian Conservation and Biology 5(1):74-86.

Thunberg, C.P. 1787. Beskrifning på trenne sköld-paddor. Kongl. Vetensk. Acad. Nya Handl. Stockholm (2)8:178-180.

Tinkle, D.W. and Webb, R.G. 1955. A new species of *Sternotherus* with a discussion of the *Sternotherus carinatus* complex. Tulane Stud. Zool. 3(3):53-67.

Troost, G. 1835. [*Chelonura Temminckii*]. In: Harlan, R. Medical and Physical Researches. Philadelphia: Bailey, 653 pp., [pp.157-158].

Troschel, F.H. 1848. Amphibien. In: Schomburgk, M.R. Versuch einer Fauna und Flora von Britisch Guiana. Leipzig, Vol. 3, pp.645-661.

Turtle Taxonomy Working Group [Bickham, J.W., Parham, J.F., Philippen, H.D., Rhodin, A.G.J., Shaffer, H.B., Spinks, P.Q., and van Dijk, P.P.]. 2007. Turtle taxonomy: methodology, recommendations, and guidelines. Chelonian Research Monographs 4:73-84.

Vaillant, L. 1885a. Description d'une tortue terrestre d'espece nouvelle (*Testudo yniphora*). Nouv. Arch. Mus. (3)1:161-167.

Vaillant, L. 1885b. Remarques complémentaires sur les tortues gigantesque de Madagascar. C.R. Acad. Sci. Paris 100:874-877.

Valenciennes, A. 1832. [*Cistuda hellenica*]. In: Bibron, G. and Bory de Saint-Vincent, J.B.G.M. Vertébrés à sang froid. Reptiles et Poissons. In: Saint-Hillaire, G. (Ed.). Expédition Scientifique de Morée 3(1):57-65.

Valenciennes, A. 1833. [*Emys rivulata*]. In: Bibron, G. and Bory de Saint-Vincent, J.B.G.M. Vertébrés à sang froid. Reptiles et Poissons. In: Saint-Hillaire, G. (Ed.). Expédition Scientifique de Morée 3:pl. 9.

Van Denburgh, J. 1895. A review of the herpetology of lower California. Part I - Reptiles. Proc. Cal. Acad. Sci. (2)5:77-162.

Van Denburgh, J. 1907. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. I. Preliminary descriptions of four new races of gigantic land tortoises from the Galapagos Islands. Proc. Calif. Acad. Sci. (4)1:1-6.

Vandelli, D. 1761. Epistola de Holothurio, et Testudine Coriacea ad Celeberrimum Carolum Linnaeum. Patavii [Padova]: Conzatti, 12 pp.

van der Kuyl, A.C., Ballasina, D.L.P., Dekker, J.T., Maas, J., Willemsen, R.E., and Goudsmit, J. 2002. Phylogenetic relationships among the species of the genus *Testudo* (Testudines: Testudinidae) inferred from mitochondrial 12S rRNA gene sequences. Molecular Phylogenetics and Evolution 22: 174–183.

van der Kuyl, A.C., Ballasina, D.L.P., and Zorgdrager, F. 2005. Mitochondrial haplotype diversity in the tortoise species *Testudo graeca* from North Africa and the Middle East. BMC Evolutionary Biology 5:1–8.

Vanzolini, P.E. 1995. A new species of turtle, genus *Trachemys*, from the State of Maranhão, Brazil (Testudines, Emydidae). Rev. Brasil. Biol. 55(1):111-125.

Vogt, T. 1911. Reptilien und Amphibien aus Neu-Guinea. Sber. Ges. Naturf. Freunde, Berlin 9:410-414.

Vuillemin, S. 1972. Note sur *Madakinixys domerguei* n. gen. n. sp. (Testudinidae). Ann. Univ. Madagascar Ser. Sci. Nat. Math. 9:169-182.

Vuillemin, S. and Domergue, C. 1972. Contribution to the study of the fauna of Madagascar: description of *Pyxoides brygooi* gen. et sp. nov. (Testudinidae). Ann. Univ. Madagascar Ser. Sci. Nat. Math. 9. 193-200.

Wagler, J.G. 1833. Descriptiones et Icones Amphibiorum. Tres partes cum XXXVI tabulis. Monachii: J.G. Cottae, pl. 30.

Walker, D., Orti, G., and Avise, J.C. 1998. Phylogenetic distinctiveness of a threatened aquatic turtle (*Sternotherus depressus*). Conservation Biology 12:639-645.

WARD, J.P. 1984. Relationships of chrysemyd turtles of North America (Testudines: Emydinae). Special Publications of the Museum of Texas Tech University 21:1-50.

WEBB, R.G. 1959. Description of a new softshell turtle from the southeastern United States. U. Kansas Publ. 11(9):517-525.

WEBB, R.G. 1962. North American Recent soft-shelled turtles (family Trionychidae). Univ. Kansas Publ. Mus. Nat. Hist. 13:429-611.

WEBB, R.G. 1980. The identity of *Testudo punctata* Lacepede, 1788 (Testudines, Trionychidae). Bull. Mus. Nat. Hist. Nat. Paris (4):2A:547-557.

WEBB, R.G. 1995. The date of publication of Gray's *Catalogue of Shield Reptiles*. Chelonian Conservation and Biology 1:322-323.

WEBB, R.G. 2003. Observations on the giant softshell turtle, *Pelochelys cantorii*, with description of a new species. Hamadryad 27(1)(2002)[2003]:99-107.

WEBB, R.G. AND LEGLER, J.M. 1960. A new softshell turtle (genus *Trionyx*) from Coahuila, Mexico. U. Kansas Sci. Bull. 40(2):21-30.

WEISSINGER, H. 1987. *Testudo graeca anamurensis* ssp. nov. aus Kleinasien. ÖGH-Nachrichten, Wien 10/11:14-18.

WELLS, R.W. 2002a. A new subspecies of *Carettochelys* (Reptilia: Carettochelydidae) from northern Australia—*Carettochelys insculpta canni* ssp. nov. Australian Biodiversity Record 2002(1):1-7.

WELLS, R.W. 2002b. Taxonomic notes on some Australian freshwater turtles of the genera *Chelodina* and *Elseya* (Reptilia: Chelidae). Australian Biodiversity Record 2002(2):1-30.

WELLS, R.W. 2007a. Some taxonomic and nomenclatural considerations on the Class Reptilia in Australia. Notes on the recently described freshwater turtle *Chelodina canni* McCord and Thomson, 2002 and a redescription of *Chelodina rankini* Wells and Wellingotn, 1985. Australian Biodiversity Record 2007(1):1-5.

WELLS, R.W. 2007b. Some taxonomic and nomenclatural considerations on the Class Reptilia in Australia. Some comments on the *Elseya dentata* (Gray, 1863) complex with redescriptions of the Johnstone River snapping turtle, *Elseya stirlingi* Wells and Wellington, 1985 and the Alligator Rivers snapping turtle, *Elseya jukesi* Wells 2002. Australian Biodiversity Record 2007(2):1-12.

WELLS, R.W. 2007c. Some taxonomic and nomenclatural considerations on the Class Reptilia in Australia. A new genus of the family Chelidae from eastern Australia. Australian Biodiversity Record 2007(3):1-13.

WELLS, R.W. AND WELLINGTON, C.R. 1985. A classification of the Amphibia and Reptilia of Australia. Australian Journal of Herpetology, Supp. Ser. 1:1-61.

WERMUTH, H. 1969. Eine neue Groskopfschildkrote, *Platysternon megacephalum vogeli* n. ssp. Aquarien Terrarien Zeit. 22(12):372-374.

WERMUTH, H. AND MERTENS, R. 1961. Schildkröten. Krokodile. Brückenechsen. Jena: Gustav Fischer Verlag, 422 pp.

WERMUTH, H. AND MERTENS, R. 1977. Liste der rezenten Amphibien und Reptilien. Testudines, Crocodylia, Rhyncocephalia. Das Tierrech. Berlin: Walter de Gruyter, 100 pp.

WERNER, F. 1899. Beitrage zur Kenntniss der Reptilien- und Batrachier fauna der Balkanhalbinsel. Wiss. Mitt. Bosnien. Hercegov. 6:817-841.

WERNER, F. 1901. Ueber Reptilien und Batrachier aus Ecuador und Neu-Guinea. Verh. Zool. Bot. Ges. Wien. 51:593-603.

WHITE, A.W. AND ARCHER, M. 1994. *Emydura lavarackorum*, a new Pleistocene turtle (Pleurodira: Chelidae) from fluviatile deposits at Riversleigh, northwestern Queensland. Records of the South Australian Museum 27(2):159-167.

WIED, M. ZU. 1839. Reise in des innere Nord-America in den Jahren 1832 bis 1834. Coblenz: J. Hoelscher, 213 pp.

WIED, M. ZU. 1865. Verzeichniss der Reptilien, welche auf einer Reise im nördlichen America beobachtet wurden. Nova. Acat. Acad. Leopold Carol. Nat. Curios 32:1-143.

WIEGMANN, A.F.A. 1828. Beyträge zu Amphibienkunde. Isis, oder Encyclopaedische Zeitung von Oken, Jena 21:364-383.

WIEGMANN, A.F.A. 1835. Beiträge zur Zoologie, gesammelt auf einer Reise um die Erde von Dr. F.J.F. Meyen. Siebente Abhandlung. Amphibien. Nova Acta Phys. Med. Acad. Caes. Leop. Carol 17:183-268.

WINK, M., GUICKING, D., AND FRITZ, U. 2001. Molecular evidence for hybrid origin of *Mauremys iversoni* Pritchard et McCord, 1991, and *Mauremys pritchardi* McCord, 1997 (Reptilia: Testudines: Bataguridae). Zoologische Abhandlungen Mus. Tierk. Dresden 51:41-49.

WISCHUF, T. AND FRITZ, U. 1996. Eine neue Unterart der Bachschildkröte (*Mauremys caspica ventrimaculata* subsp. nov.) aus dem Iranischen Hochland. Salamandra 32(2):113-122.

WISCHUF, T. AND FRITZ, U. 1997. [*Mauremys caspica siebenrocki*]. In: Fritz, U. and Wischuf, T. Zur Systematik westasiatisch-südosteuropäischer Bachschildkröten (Gattung *Mauremys*) (Reptilia: Testudines: Bataguridae). Zool. Abh. Mus. Tierkd. Dresden 49(13):223-260.

YASUKAWA, Y. AND OTA, H. 1999. Geographic variation and biogeography of the geoemydine turtles (Testudines: Bataguridae) of the Ryukyu Archipelago, Japan. In: Ota, H. (ed.). Tropical Island Herpetofauna: Origin, Current Diversity, and Conservation. Amsterdam, Elsevier, pp. 271-297.

YASUKAWA, Y., OTA, H., AND HIKIDA, T. 1992. Taxonomic re-evaluation of the two subspecies of *Geoemyda spengleri* (Gmelin, 1789) (Reptilia: Emydidae). Japanese Journal of Herpetology 14(3):143-159.

YASUKAWA, Y., OTA, H., AND IVERSON, J.B. 1996. Geographic variation and sexual size dimorphism in *Mauremys mutica* (Cantor, 1842) (Reptilia: Bataguridae), with description of a new subspecies from the southern Ryukyus, Japan. Zoological Science (Japan) 13:303-317.

ZANGERL, R. AND MEDEM, F. 1958. A new species of chelid turtle, *Phrynops (Batrachemys) dahli*, from Colombia. Bull. Mus. Comp. Zool. 119:375-390.

ZHANG, M. 1984. A new species of *Pelochelys* from Zhejiang, with subfossil description. Acta Herpetol. Sin. 3(4):71-76.

ZHANG, M., ZONG, Y., AND MA, J. 1998. Fauna Sinica. Reptilia Vol. 1. General Accounts of Reptilia. Testudoformes and Crocodiliformes. Beijing: Science Press, 213 pp.

ZHAO, E. 1990. [*Cuora zhoui*]. In: Zhao, E., Zhou, T., and Ye, P. A new Chinese box turtle (Testudinata: Emydidae)—*Cuora zhoui*. In: Zhao, E. (Ed.). From Water Onto Land. Chinese Soc. Stud. Amphib. Rept., Beijing, pp. 213-216.

ZHAO, E. 1997. Studies on taxonomy and distribution of Chinese chelonians. In: Zhao, E. (Ed.). Chinese Chelonian Research. Chinese Society for the Study of Amphibians and Reptiles, Herpetological Series No. 9, Sichuan Journal of Zoology 15 (Suppl.):1-26.

ZHAO, E., ZHOU, J., AND ZHOU, T. (Eds.) 1997. Chinese Chelonian Research. Chinese Society for the Study of Amphibians and Reptiles, Herpetological Series No. 9, Sichuan Journal of Zoology 15 (Suppl.), 159 pp.

ZHOU, G., ZHANG, X., AND FANG, Z. 1991. Bulletin of a new species *Trionyx*. Acta Sci. Nat. Univ. Norm., Hunan Changsha 14(4):379-382.

ZHOU, T. 2005. Discovery of a living male Yunnan box turtle, *Cuora yunnanensis* Boulenger, 1906. Sichuan Journal of Zoology 24(3):345-346.

ZHOU, T. AND ZHAO, E.M. 2004. On the occurrence of living *Cuora yunnanensis* since fifty-eight years, and its description. Sichuan Journal of Zoology 23:325-327.

ZONG, Y. AND PAN, L. 1989. Studies on the genus *Cuora* of the Testudoformes. In: Matsui, M., Hikida, T. and Goris, R.C. (Eds.). Current Herpetology in East Asia. Proceedings of the second Japan-China Herpetological Symposium, Kyoto, July 1988. Herpetological Society of Japan 1989:198.